

Uppgiftslämnaren reserverar sig för eventuella fel i produktinformationen eller felaktigt registrerade uppgifter och förbehåller sig rätten att korrigera och/eller komplettera produktinformation utan föregående avisering

1 GRUNDDATA

Varubeskrivning

plastic device installation trunking systems, includes flat angle and wall fitting.

Övriga upplysningar

Klassificeringar

ETIM ›	-EC001174 - Installationsrör av plast -EC002904 - Installationsrör i plast, fördraget
BK04 ›	
BSAB ›	
UNSPSC ›	

Leverantörsuppgifter

Företagsnamn

OBO Bettermann AB

Organisationsnummer

5566815519

Adress

Hemsida

www.obobettermann.se

Miljökontaktperson

Namn

Matthew Wise

Telefon

+46 73-423 24 75

E-post

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2 HÅLLBARHETSARBETE

Företagets certifiering

- ISO 9000
- ISO 14000

INNEHÅLLSDEKLARATION

Kemisk produkt	Nej
Omfattas varan av RoHS-direktivet	Nej
Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion	Nej
Varans vikt	0,10911 - 0,163 kg

Vara / Delkomponenter

Koncentrationen har beräknats på hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Colorants for polymers		13463-67-7, 68186-90-3, 101357-30-6, 1317-61-9		4%	
Plastic PC/ABS		9006-56-9		96%	

Del av materialinnehållet som är deklarerat 100%

Särskilt farliga ämnen

Varan innehåller INTE några ämnen med särskilt farliga egenskaper (Substances of very high concern, SVHC-ämnen) som finns med på kandidatförteckningen i en koncentration som överstiger 0,1 vikts-%

Utgåva av kandidatförteckningen som har använts

2021-01-22 00:00:00

Övrigt

Ämnen är redovisade ned till 0.01 viktprocent enligt iBVDs redovisningskrav. Eventuell avvikelse från redovisningskraven redovisas nedan

4 RÅVAROR

Återvunnet material

Innehåller varan återvunnet material: Nej

Träråvara

Träråvara ingår i varan: Nej

5 MILJÖPÅVERKAN

Finns en miljövarudeklaration framtagen enligt EN15804 eller ISO14025 för varan

Nej

Finns annan miljövarudeklaration

Nej

6 DISTRIBUTION

Beskrivning av emballagehantering för distribution av varan

The main packaging is made of paper/cardboard. In addition, PE film or PE bags are sometimes used as protective packaging.

7 BYGGSCKEDET

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

8 BRUKSSKEDET

Finns skötselansvisningar/skötselråd?

Nej

Finns en energimärkning enligt energimärkningsdirektivet (2010/30/EU) för varan?

Ej relevant

9 RIVNING

Kräver varan särskilda åtgärder för skydd av hälsa och miljö vid rivning/demontering?

Nej

Omfattas den levererade varan av förordningen (2014:1075) om producentansvar för elektriska och elektroniska produkter när den blir avfall?	Nej
<hr/>	
Är återanvändning möjlig för hela eller delar av varan?	Ja
All components can be reused	
<hr/>	
Är materialåtervinning möjlig för hela eller delar av varan?	Ja
All components can be recycled	
<hr/>	
Är energiåtervinning möjlig för hela eller delar av varan?	Ja
Energy recovery is possible for plastic components	
<hr/>	
Har leverantören restriktioner och rekommendationer för återanvändning, material- eller energiåtervinning eller deponering?	Nej
När den levererade varan blir avfall, klassas den då som farligt avfall?	Nej
Avfallskod (EWC) för den levererade varan	170203

E-nummer	Leverantörens artikelnummer	GTIN
11 759 79	6113090	4012196419296
11 760 00	6113270	4012196419616
11 760 22	6113460	4012196420094

Produktdatablad Rapid 45-2 plastic device installation trunking systems.pdf

Prestandadeklaration

Säkerhetsblad

Miljövarudeklaration

Skötselansvisning

Övriga bifogade dokument

-CAS Nr. for colorants 750-00383BW EN.pdf

-MSDS_750-00383BW_EN.pdf

-MSDS_Bayblend FR 3008 HR_EN.pdf

-TM-750-00383BW-EN.pdf



Rapid 45-2 plastic device installation trunking systems



**Device installation trunking, 1-compartment,
trunking width 100 mm**

144



**Device installation trunking, 2-compartment,
trunking width 130 mm**

147



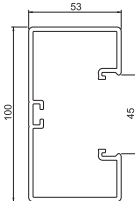
**Device installation trunking, 2-compartment,
trunking width 165 mm**

150



Trunking height 53 mm, trunking width 100 mm

Device installation trunking Rapid 45-2, type GK-53100



Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-53100RW	Pure white	2000	12	130.300	6113000
GK-53100LGR	Light grey	2000	12	130.300	6113002

PVC Polyvinylchloride

Trunking base and cover with base perforation for direct wall mounting.

Trunking connector and joint cover

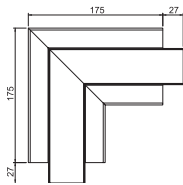


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-KS45-1RW	Pure white	6	0.861	6113020
GK-KS45-1LGR	Light grey	6	0.861	6113022

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Joint cover for the bases of the Rapid 45-2 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 100 mm and 165 mm.

Flat angle

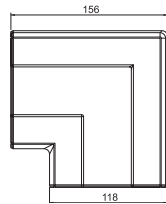


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-FS53100RW	Pure white	1	34.600	6113080
GK-FS53100LGR	Light grey	1	34.600	6113082

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle for changing the direction of the Rapid 45-2 device installation trunking.

Flat angle cover

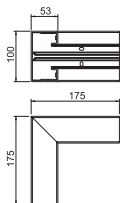


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-FH53100RW	Pure white	2	10.911	6113090
GK-FH53100LGR	Light grey	2	10.911	6113092

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.

Internal corner

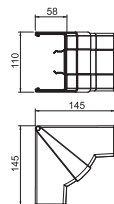


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-IS53100RW	Pure white	1	34.200	6113060
GK-IS53100LGR	Light grey	1	34.200	6113062

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

90° internal corner for changing the direction of the Rapid 45-2 device installation trunking.

Internal corner cover



Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-IH53100RW	Pure white	1	12.856	6113070
GK-IH53100LGR	Light grey	1	12.856	6113072

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

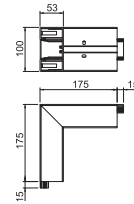
Internal corner for changing the direction of Rapid 45 device installation trunking.

External corner

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-AS53100RW	Pure white	1	40.400	6113040
GK-AS53100LGR	Light grey	1	40.400	6113042

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

90° fixed external corner for changing the direction of Rapid 45-2 device installation trunking.

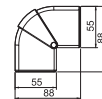


External corner cover

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-AH53100RW	Pure white	1	7.153	6113050
GK-AH53100LGR	Light grey	1	7.153	6113052

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.

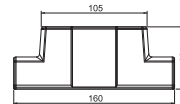


T piece adapter

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-TR53100RW	Pure white	1	3.405	6113100
GK-TR53100LGR	Light grey	1	3.405	6113102

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

T-piece to create a 90° -junction of the system size 53100 on the system size 53100th

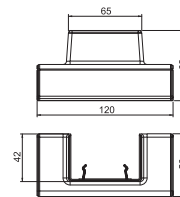


T piece adapter on auf WDK 40060

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-TA WDK 1RW	Pure white	1	3.002	6113310
GK-TA WDK 1LGR	Light grey	1	2.940	6113312

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

T-piece adapter to create a 90° junction from the system size Rapid 45-2 53100 and 53165 on a cable trunking WDK40060.

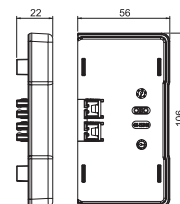


End piece

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-E53100RW	Pure white	1	2.493	6113110
GK-E53100LGR	Light grey	1	2.493	6113112

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

End piece for lateral closing the device installation trunking, Rapid 45-2 GK and GA 53100.

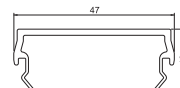


Cover

Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-OT45RW	Pure white	2000	24	20.550	6113010
GK-OT45LGR	Light grey	2000	24	20.550	6113012

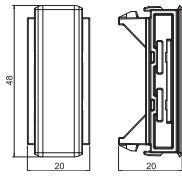
PVC Polyvinylchloride

Trunking cover for closing the Rapid 45-2 device installation trunking.



Trunking height 53 mm, trunking width 100 mm

Joint cover

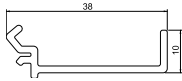


Type	Colour	Pack. Weight		Item No.
		pcs	kg/100 pcs.	
GK-OTSA45RW	Pure white	6	0.624	6113030
GK-OTSA45LGR	Light grey	6	0.624	6113032

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Joint cover for the covers of the Rapid 45-2 device installation trunking to hide cut edges and provide a tidy connection to installed Modul 45 devices.

Partition



Type	Length mm	Pack. Weight		Item No.
		m	kg/100 m	
GK-TW53	2000	40	28.700	6113290

PVC Polyvinylchloride

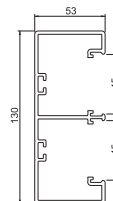
Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.

Device installation trunking Rapid 45-2, Type GK-53130

Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-53130RW	Pure white	2000	8	174.000	6113200
GK-53130LGR	Light grey	2000	8	174.000	6113202

PVC Polyvinylchloride

Trunking base and cover with base perforation for direct wall mounting.

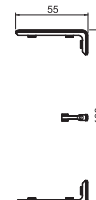


Trunking connector and joint cover

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-KS45-2RW	Pure white	6	0.707	6113210
GK-KS45-2LGR	Light grey	6	0.707	6113212

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Joint cover for the bases of the Rapid 45 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 130 mm.

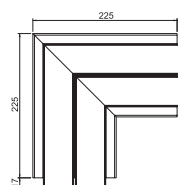


Flat angle

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-FS53130RW	Pure white	1	60.200	6113260
GK-FS53130LGR	Light grey	1	60.200	6113262

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle for changing the direction of the Rapid 45-2 device installation trunking.

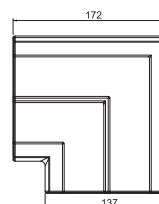


Flat angle cover

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-FH53130RW	Pure white	2	14.754	6113270
GK-FH53130LGR	Light grey	2	14.754	6113272

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.

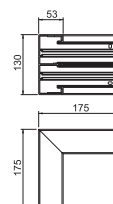


Internal corner

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-IS53130RW	Pure white	1	44.400	6113240
GK-IS53130LGR	Light grey	1	44.400	6113242

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

90° internal corner for changing the direction of the Rapid 45-2 device installation trunking.

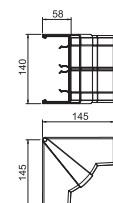


Internal corner cover

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-IH53130RW	Pure white	1	14.730	6113250
GK-IH53130LGR	Light grey	1	14.730	6113252

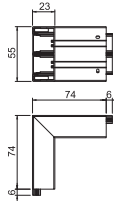
PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Internal corner for changing the direction of Rapid 45 device installation trunking.



Trunking height 53 mm, trunking width 130 mm

External corner



Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-AS53130RW	Pure white	1	56.200	6113220
GK-AS53130LGR	Light grey	1	56.200	6113222

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

External corner for changing the direction of Rapid 45-2 device installation trunking.

External corner cover

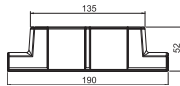


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-AH53130RW	Pure white	1	8.440	6113230
GK-AH53130LGR	Light grey	1	8.440	6113232

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.

T piece adapter

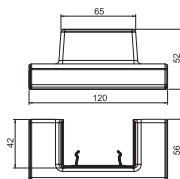


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-TR53130RW	Pure white	1	3.514	6113300
GK-TR53130LGR	Light grey	1	3.514	6113302

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

T-piece adapter to create a 90° -junction of the system size 53130 on the system size 53130.

T piece adapter on auf WDK 40060

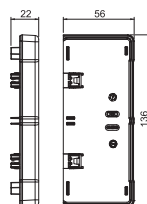


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-TA WDK 2RW	Pure white	1	2.717	6113320
GK-TA WDK 2LGR	Light grey	1	2.670	6113322

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

T-piece adapter to create a 90° junction from the system size Rapid 45-2 53130 to a cable trunking WDK40060.

End piece

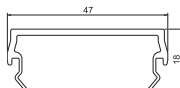


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-E53130RW	Pure white	1	2.972	6113280
GK-E53130LGR	Light grey	1	2.972	6113282

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

End piece for side closing of the Rapid 45-2 GK and GA 53130 device installation trunking.

Cover



Type	Colour	Length mm	Pack.	Weight	Item No.
			m	kg/100 m	
GK-OT45RW	Pure white	2000	24	20.550	6113010
GK-OT45LGR	Light grey	2000	24	20.550	6113012

PVC Polyvinylchloride

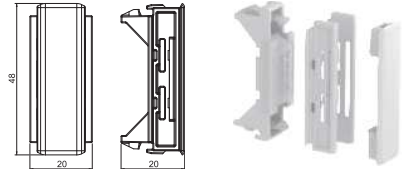
Trunking cover for closing the Rapid 45-2 device installation trunking.

Joint cover

Type	Colour	Pack. Weight		Item No.
		pcs	kg/100 pcs.	
GK-OTSA45RW	Pure white	6	0.624	6113030
GK-OTSA45LGR	Light grey	6	0.624	6113032

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Joint cover for the covers of the Rapid 45-2 device installation trunking to hide cut edges and provide a tidy connection to installed Modul 45 devices.

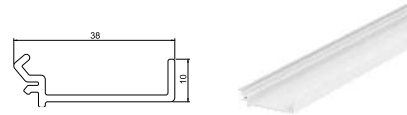


Partition

Type	Length mm	Pack. Weight		Item No.
		m	kg/100 m	
GK-TW53	2000	40	28.700	6113290

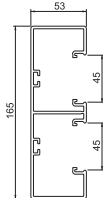
PVC Polyvinylchloride

Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.



Trunking height 53 mm, trunking width 165 mm

Device installation trunking Rapid 45-2, Type GK-53165



Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-53165RW	Pure white	2000	8	216.250	6113400
GK-53165LGR	Light grey	2000	8	216.250	6113402

PVC Polyvinylchloride

Trunking base and cover with base perforation for direct wall mounting.

Trunking connector and joint cover

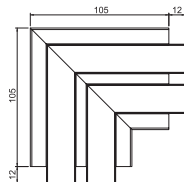


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-KS45-1RW	Pure white	6	0.861	6113020
GK-KS45-1LGR	Light grey	6	0.861	6113022

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Joint cover for the bases of the Rapid 45-2 device installation trunking to hide cut edges and provide a perfect connection of the trunking segments. The joint covers are attached. Suitable for trunking width 100 mm and 165 mm.

Flat angle

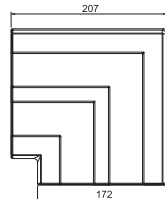


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-FS53165RW	Pure white	1	64.500	6113450
GK-FS53165LGR	Light grey	1	64.500	6113452

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle for changing the direction of the Rapid 45-2 device installation trunking.

Flat angle cover

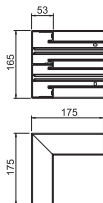


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-FH53165RW	Pure white	2	16.300	6113460
GK-FH53165LGR	Light grey	2	16.300	6113462

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle as hood fitting for changing the direction of the Rapid 45-2 device installation trunking.

Internal corner

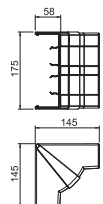


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-IS53165RW	Pure white	1	54.500	6113430
GK-IS53165LGR	Light grey	1	54.500	6113432

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

90° internal corner for changing the direction of the Rapid 45-2 device installation trunking.

Internal corner cover



Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-IH53165RW	Pure white	1	15.634	6113440
GK-IH53165LGR	Light grey	1	15.634	6113442

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

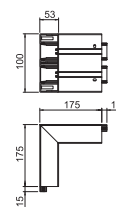
Internal corner for changing the direction of Rapid 45 device installation trunking.

External corner

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-AS53165RW	Pure white	1	66.800	6113410
GK-AS53165LGR	Light grey	1	66.800	6113412

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

External corner for changing the direction of Rapid 45-2 device installation trunking.



External corner cover

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-AH53165RW	Pure white	1	9.230	6113420
GK-AH53165LGR	Light grey	1	9.230	6113422

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

External corner for changing the direction of Rapid 45-2 device installation trunking. The fittings can be adjusted between 80–110°.

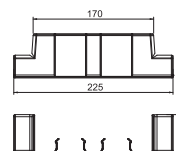


T-piece adapter

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-TR53165RW	Pure white	1	4.545	6113480
GK-TR53165LGR	Light grey	1	4.515	6113482

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

T-piece adapter to create a 90° -junction of the system size 53165 on the system size 53165.

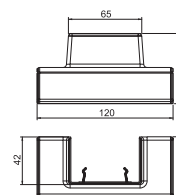


T piece adapter on auf WDK 40060

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-TA WDK 1RW	Pure white	1	3.002	6113310
GK-TA WDK 1LGR	Light grey	1	2.940	6113312

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

T-piece adapter to create a 90° junction from the system size Rapid 45-2 53100 and 53165 on a cable trunking WDK40060.

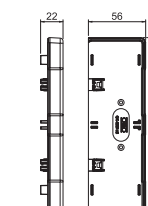


End piece

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-E53165RW	Pure white	1	3.561	6113470
GK-E53165LGR	Light grey	1	3.561	6113472

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

End piece for side closing of the Rapid 45-2 GK and GA 53165 device installation trunking.

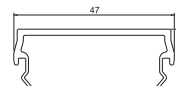


Cover

Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-OT45RW	Pure white	2000	24	20.550	6113010
GK-OT45LGR	Light grey	2000	24	20.550	6113012

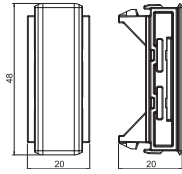
PVC Polyvinylchloride

Trunking cover for closing the Rapid 45-2 device installation trunking.



Trunking height 53 mm, trunking width 165 mm

Joint cover



Type	Colour	Pack. Weight		Item No.
		pcs	kg/100 pcs.	
GK-OTSA45RW	Pure white	6	0.624	6113030
GK-OTSA45LGR	Light grey	6	0.624	6113032

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

Joint cover for the covers of the Rapid 45-2 device installation trunking to hide cut edges and provide a tidy connection to installed Modul 45 devices.

Partition



Type	Length mm	Pack. Weight		Item No.
		m	kg/100 m	
GK-TW53	2000	40	28.700	6113290

PVC Polyvinylchloride

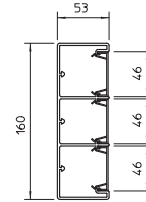
Partition for mounting in Rapid 45-2 GK and GA device installation trunking for installing cables of different voltage levels.

Rapid 45 device installation trunking, type GEK-K 53160-3

Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GEK-K53160-3	Pure white	2000	8	210.000	6116073

PVC Polyvinylchloride

Trunking base and cover with base perforation for direct wall mounting.

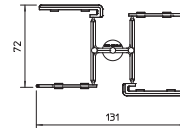


Trunking connector and joint cover

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KS45-3	Pure white	6	1.324	6116163

PVC Polyvinylchloride

Joint cover for smooth connection of trunking segments.

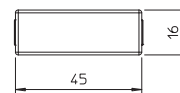


Joint cover

Type	Colour	Length mm	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KSOT45	Pure white	—	6	0.284	6116152

PVC Polyvinylchloride

Joint cover for the covers of the Rapid 45 device installation trunking to hide cut edges and provide tidy connection to installed Modul 45 devices.

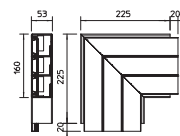


Flat angle

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KF53160-3	Pure white	1	64.000	6116493

PVC Polyvinylchloride

Flat angle for direction change of Rapid 45 device installation trunking, GEK-K53160-3.

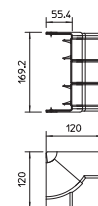


Internal corner cover

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KI53160-3	Pure white	2	13.800	6116201

PVC Polyvinylchloride

Internal corner as hood fitting for direction change of three-compartment Rapid 45 device installation trunking. The fittings can be variably adjusted between 80 and 103°.

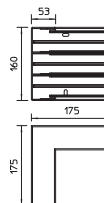


Internal corner

Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KIS53160-3	Pure white	1	48.100	6116203

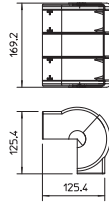
PVC Polyvinylchloride

Rigid 90° internal corner for changing the direction of the Rapid 45 three-compartment device installation trunking.



Trunking depth 53 mm, trunking height 160 mm, 3-compartment

External corner cover

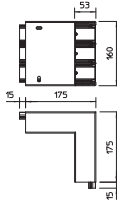


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KA53160-3	Pure white	2	22.000	6116261

PVC Polyvinylchloride

External corner as hood fitting for direction change of three-compartment Rapid 45 device installation trunking. The fittings can be adjusted variably between 70–130°.

External corner

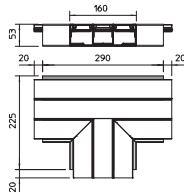


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KAS53160-3	Pure white	1	64.000	6116263

PVC Polyvinylchloride

Rigid 90° external corner for changing the direction of the Rapid 45 three-compartment device installation trunking.

T piece

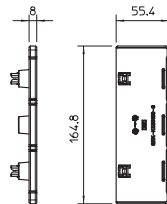


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KT53160-3	Pure white	1	72.000	6116193

PVC Polyvinylchloride

Prefabricated T piece for vertical branch of the Rapid 45 device installation trunking, three-compartment.

End piece

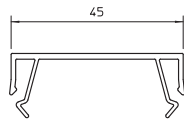


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GEK-KE53160-3	Pure white	8	3.687	6116403

PVC Polyvinylchloride

End piece for closing the device installation trunking Rapid 45 GEK-K53160-3.

Cover

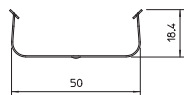


Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GEK-KOT45	Pure white	2000	24	18.600	6116108

PVC Polyvinylchloride

Trunking cover for closing the Rapid 45 device installation trunking.

Cover clip



Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
OK-K 45	—	10	0.490	6116116

V2A Stainless steel, grade 304

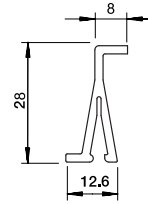
Cover clip for better and easier cable routing in the Rapid 45 device installation trunking.

Partition

Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
2371 40	Light grey	2000	60	13.500	6023096

PVC Polyvinylchloride

Partition to divide the WDK trunking, with 40 mm trunking height, and various ISS service poles for the installation of different voltage levels.



Maintal, 26.04.2021

Product information

Kilips-batch lichtgrau 750-00383BW

Dear Sir or Madam,

For the formulation we have used colorants with following CAS-Numbers:

- 13463-67-7
- 68186-90-3
- 101357-30-6
- 1317-61-9

Batchwerk GmbH

Kirstin Lipski

Product safety

This letter has been created automatically and needs no signature.

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Article No. (manufacturer/supplier) 750-00383BW
Trade name/designation Kilips-Batch lichtgrau

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Colorants for polymers

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

Batchwerk GmbH
Bahnhofstraße 147 Telephone: +49 (0)6181 90819-10
63477 Maintal Telefax: +49 (0)6181 90819-55
Germany E-mail: hallo@batchwerk.de
Website: www.batchwerk.de

Department responsible for information:

E-mail (competent person): hallo@batchwerk.de

1.4. Emergency telephone number

Emergency telephone number: +49 (0)6181 90819-50
Only available during office hours. (8:00 am - 4:00 pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms

Hazard statements

not applicable

Precautionary statements

not applicable

Hazard components for labelling

not applicable

Supplemental hazard information

not applicable

2.3. Other hazards

No information available.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description Pigment preparation based on thermoplastic carrier materials

Hazardous ingredients

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No.	REACH No.	weight-%
CAS No.	Designation	
Index No.	classification: // Remark	

not applicable

Additional information

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Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

The inhalation of granules is unlikely because of the physical form. In case of inhalation gases / vapours / aerosol from overheating or combustion, the person should be taken to a place with fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

Following skin contact

After contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin. Seek medical advice immediately. No risk of granules during normal industrial use

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

Following ingestion

Rinse mouth immediately and drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water mist, Foam, Dry extinguishing powder, Carbon dioxide

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Further information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Avoid dust formation. Provide adequate ventilation.

6.2. Environmental precautions

No special environmental measures are necessary. Do not allow to enter into surface water or drains. Recycling possible.

6.3. Methods and material for containment and cleaning up

Wet clean or vacuum up solids. Special danger of slipping by leaking/spilling product. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation.

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Provide for sufficient ventilation; if possible use resp. install internal exhaust systems. Avoid dust formation.

7.2. Conditions for safe storage, including any incompatibilities

*

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Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRGS 727)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Store in a well-ventilated and dry room at temperatures between 15 °C and 30 °C. Keep container tightly closed. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. **Specific end use(s)**

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Occupational exposure limit values

not applicable

8.2. **Exposure controls**

Provide good ventilation. This can be achieved with local or room suction.

Personal protection equipment

Respiratory protection

Use self-contained respiratory apparatus if respirable dust type occurs.

Hand protection

For prolonged or repeated handling the following glove material must be used: NBR (Nitrile rubber)

Thickness of the glove material 0,4 mm Breakthrough time: 30 min

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 420. Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

Wear safety goggles to protect your eyes from dust.

Body protection

Wear suitable protective clothing and gloves.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. **Information on basic physical and chemical properties**

Appearance:

Physical state:	solid
Colour:	refer to label
Odour:	characteristic
Odour threshold:	not applicable
pH at 20 °C:	not applicable
Melting point/freezing point:	not applicable
Initial boiling point and boiling range:	not applicable
Flash point:	Not applicable
Evaporation rate:	not applicable
flammability	
Burning time:	not applicable

*

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Upper/lower flammability or explosive limits:

Lower explosion limit: not applicable

Upper explosion limit: not applicable

Vapour pressure at 20 °C: not applicable

Vapour density: not applicable

Relative density:

Density at 20 °C: 1,68 g/cm³

Solubility(ies):

Water solubility at 20 °C: insoluble

Partition coefficient: n-octanol/water: see section 12

Auto-ignition temperature: not applicable

Decomposition temperature: not applicable

Viscosity at °C: Granulat

Explosive properties: not applicable

Oxidising properties: not applicable

9.2. **Other information**

Solid content: 100 weight-%

SECTION 10: Stability and reactivity

10.1. **Reactivity**

No information available.

10.2. **Chemical stability**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. **Possibility of hazardous reactions**

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. **Conditions to avoid**

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. **Incompatible materials**

not applicable

10.6. **Hazardous decomposition products**

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

11.1. **Information on toxicological effects**

Acute toxicity

Based on available data, the classification criteria are not met.

Skin corrosion/irritation; Serious eye damage/eye irritation

Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Based on available data, the classification criteria are not met.

STOT-single exposure; STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Practical experience/human evidence

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Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and has not been classified.

SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
Do not allow to enter into surface water or drains.

12.1. Toxicity

Based on available data, the classification criteria are not met.

Long-term Ecotoxicity

Toxicological data are not available.

12.2. Persistence and degradability

Toxicological data are not available.

12.3. Bioaccumulative potential

Toxicological data are not available.

Bioconcentration factor (BCF)

Toxicological data are not available.

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Dispose of waste according to applicable legislation. Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

Appropriate disposal / Package Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

This mixture is not classified as dangerous according to international transport regulations (ADR/RID, IMDG, ICAO/IATA).

No dangerous good in sense of this transport regulation.

14.1. UN number

not applicable

14.2. UN proper shipping name

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

Land transport (ADR/RID)

not applicable

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



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Marine pollutant not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Further information

Land transport (ADR/RID)

tunnel restriction code -

Sea transport (IMDG)

EmS-No. not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

VOC-value (in g/L): 0

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



Article No.: 750-00383BW Kilips-Batch lichtgrau
Print date: 26.04.2021 Revision date: 17.02.2020
Version: 2.0 Issue date: 11.05.2019

EN
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vPvB very persistent and very bioaccumulative

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in section 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

* Data changed compared with the previous version



BAYBLEND FR 3008 HR

Version 1.11

Revision Date 24.02.2021

Print Date 25.02.2021

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

BAYBLEND FR 3008 HR

Material number: 80690224

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use:

Production of moulded plastic articles

1.3 Details of the supplier of the safety data sheet

Covestro Deutschland AG
COV-CTO-HSEQ-PSRA-PSI
D-51365 LEVERKUSEN

Tel.: +49 214 6009 4068
e-mail: ProductSafetyEMLA@covestro.com

1.4 Emergency telephone number

+1-703-527-3887 (Chemtrec)
National Chemical Emergency Centre - UK
Tel: +44 1865 407 333

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

No classification in accordance with the Regulation (EC) No. 1272/2008.

2.2 Label elements

No labeling necessary according to the Regulation (EC) No. 1272/2008.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

Type of product: Mixture

3.2 Mixtures

polymer blend based on bisphenol A - polycarbonate / acrylonitrile-butadiene-styrene copolymer, flame-retarded (low halogen content, free from chlorine and bromine)

Hazardous components

No dangerous ingredients according to REACH-Regulation (EC) No. 1907/2006.

Candidate List of Substances of Very High Concern for Authorisation

This product contains no substances of very high concern in concentrations where an information obligation applies (REACH Regulation (EC) No. 1907/2006, Article 59).

SECTION 4: First aid measures

4.1 Description of first aid measures

In case of skin contact: CONTACT WITH THE HOT MELT: Cool immediately with plenty of water. Do not remove product crusts which may have formed neither forcibly nor by applying any solvents to the skin involved. To obtain treatment for possible burns, and appropriate skin care, seek medical advice immediately.

The following information refers to the handling of the product at room temperature. In case of skin contact wash affected areas thoroughly with soap and plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Notes to physician: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Therapeutic measures: No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: sprayed water jet, extinguishing powder, Carbon dioxide (CO₂), Foam, Dry chemical

5.2 Special hazards arising from the substance or mixture

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen and traces of hydrogen cyanide. In the event of fire and/or explosion do not breathe fumes.

5.3 Advice for fire-fighters

Firemen must wear self-contained breathing apparatus.

Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Granules - slip hazard!

6.2 Environment related measures

Do not flush into surface water or sanitary sewer system.

6.3 Methods and material for containment and cleaning up

Use mechanical handling equipment. Avoid dust formation.

6.4 Reference to other sections

For further disposal measures see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Under recommended processing conditions small amounts of residues of monomers and residual solvent may be emitted. Provided good ventilation and/or local exhaust systems are used, the Workplace Exposure Limit(s) stated in section 8 should not be exceeded.

In case of mechanical processing, dust must be removed by effective exhaust ventilation.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and at end of work and use skin-protecting ointment. Change contaminated clothing.

7.2 Conditions for safe storage, including any incompatibilities

No special storage conditions required.

Storage class (TRGS 510) : 11: Combustible Solids

7.3 Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection

UK Workplace Exposure Limits (WEL), per EH40 document (Health & Safety Executive). If no UK value exists, EU exposure limits given where available.

8.1 Control parameters

The regulations for the substances listed below must be observed when processing this product, particularly if processing takes place at elevated temperatures. In our experience the provision of effective fresh-air and exhaust ventilation equipment at the points where vapors may be generated will ensure compliance with the tolerance limits quoted below.

Substance	CAS-No.	Basis	Type	Value	Ceiling Limit Value	Remarks
acrylonitrile	107-13-1	EH40 WEL				Dermal absorption possible
acrylonitrile	107-13-1	EH40 WEL	TWA	2 ppm 4.4 mg/m ³		
styrene	100-42-5	EH40 WEL	STEL	250 ppm 1,080 mg/m ³		
styrene	100-42-5	EH40 WEL	TWA	100 ppm 430 mg/m ³		
1,3-butadiene; buta-1,3-diene	106-99-0	EH40 WEL	TWA	10 ppm 22 mg/m ³		
ethylbenzene	100-41-4	EH40 WEL	STEL	125 ppm 552 mg/m ³		
ethylbenzene	100-41-4	EH40 WEL				Dermal absorption possible
ethylbenzene	100-41-4	EH40 WEL	TWA	100 ppm 441 mg/m ³		
ethylbenzene	100-41-4	EU ELV	TWA	100 ppm 442 mg/m ³		Indicative
ethylbenzene	100-41-4	EU ELV	STEL	200 ppm 884 mg/m ³		Indicative
ethylbenzene	100-41-4	EU ELV				Dermal absorption possible

phenol; carbolic acid; monohydroxybenzene; phenylalcohol	108-95-2	EH40 WEL				Dermal absorption possible
phenol; carbolic acid; monohydroxybenzene; phenylalcohol	108-95-2	EH40 WEL	STEL	4 ppm 16 mg/m3		
phenol; carbolic acid; monohydroxybenzene; phenylalcohol	108-95-2	EH40 WEL	TWA	2 ppm 7.8 mg/m3		
phenol; carbolic acid; monohydroxybenzene; phenylalcohol	108-95-2	EU ELV	TWA	2 ppm 8 mg/m3		Indicative
phenol; carbolic acid; monohydroxybenzene; phenylalcohol	108-95-2	EU ELV				Dermal absorption possible
phenol; carbolic acid; monohydroxybenzene; phenylalcohol	108-95-2	EU ELV	STEL	4 ppm 16 mg/m3		Indicative
chlorobenzene	108-90-7	EH40 WEL				Dermal absorption possible
chlorobenzene	108-90-7	EU ELV	TWA	5 ppm 23 mg/m3		Indicative
chlorobenzene	108-90-7	EU ELV	STEL	15 ppm 70 mg/m3		Indicative
chlorobenzene	108-90-7	EH40 WEL	TWA	1 ppm 4.7 mg/m3		
chlorobenzene	108-90-7	EH40 WEL	STEL	3 ppm 14 mg/m3		
bisphenol A; 4,4'-isopropylidenediph enol	80-05-7	EH40 WEL	TWA	10 mg/m3		
bisphenol A; 4,4'-isopropylidenediph enol	80-05-7	EU ELV	TWA	2 mg/m3		Indicative
triphenylphosphate	115-86-6	EH40 WEL	STEL	6 mg/m3		
triphenylphosphate	115-86-6	EH40 WEL	TWA	3 mg/m3		
n-butyl acrylate	141-32-2	EH40 WEL	TWA	1 ppm 5 mg/m3		
n-butyl acrylate	141-32-2	EH40 WEL	STEL	5 ppm 26 mg/m3		
n-butyl acrylate	141-32-2	EU ELV	TWA	2 ppm 11 mg/m3		Indicative
n-butyl acrylate	141-32-2	EU ELV	STEL	10 ppm 53 mg/m3		Indicative
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	80-62-6	EH40 WEL	TWA	50 ppm 208 mg/m3		
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	80-62-6	EH40 WEL	STEL	100 ppm 416 mg/m3		
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	80-62-6	EH40 WEL	TWA	50 ppm 208 mg/m3		
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	80-62-6	EH40 WEL	STEL	100 ppm 416 mg/m3		
General limiting value of dust		EH40 WEL	TWA	10 mg/m3		inhalable fraction
General limiting value of dust		EH40 WEL	TWA	4 mg/m3		alveolar fraction

8.2 Exposure controls

Respiratory protection

In case of dust formation use respiratory equipment with filter type particle filter P1 according to EN 143.

Hand protection

Suitable materials for safety gloves; EN 374:

Polyvinyl chloride - PVC (≥ 0.5 mm)

Contaminated and/or damaged gloves must be changed.

Eye protection

Wear eye/face protection.

Skin and body protection

Wear suitable protective clothing.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Appearance:	granular	
Colour:	different according to colouration	
Odour:	odourless	
Odour Threshold:	not established	
pH:	not applicable	
Softening point:	100 - 200 °C	
Flash point:	not established	
Evaporation rate:	not established	
Flammability:	not established	
Burning number:	not established	
Upper/lower flammability or explosive limits:	not applicable	
Vapour pressure:	not applicable	
Vapour density:	not established	
Density:	ca. 1.1 - 1.2 g/cm ³	DIN 53479
Bulk density:	600 - 700 kg/m ³	
Water solubility:	practically insoluble	
Surface tension:	not established	
Partition coefficient (n-octanol/water):	not established	
Auto-ignition temperature:	> 390 °C	
Ignition temperature:	> 390 °C	
Decomposition temperature:	≥ 380 °C	
Heat of combustion:	not established	
Viscosity, dynamic:	not applicable	

9.2 Other information

The indicated values do not necessarily correspond to the product specification. Please refer to the product information sheet or the technical information sheet for specification data.

Explosive properties:	not established
Dust explosion class:	not established
Oxidising properties:	not established

SECTION 10: Stability and reactivity**10.1 Reactivity**

This information is not available.

10.2 Chemical stability

Fumes evolved by overheating during improperly processing or by burning may be injurious to health.

10.3 Possibility of hazardous reactions

If overheated, the melt may undergo exothermal decomposition in the air (increase in temperature, generation of smoke or fumes).

10.4 Conditions to avoid

This information is not available.

10.5 Incompatible materials

This information is not available.

10.6 Hazardous decomposition products

Caused by smouldering and incomplete combustion toxic fumes mainly consisting of CO and CO₂ may be developed.

Under recommended processing conditions small amounts of emissions may occur.

The regulations for the substances listed below must be observed when processing this product, particularly if processing takes place at elevated temperatures.

acrylonitrile

Index-No. 608-003-00-4

CAS-No.: 107-13-1

Classification (1272/2008/CE): Flam. Liq. 2 H225 Carc. 1B H350 Repr. 2 H361d Acute Tox. 3 Inhalative H331 Acute Tox. 3 Dermal H311 Acute Tox. 3 Oral H301 STOT SE 3 H335 Skin Irrit. 2 H315 Eye Dam. 1 H318 Skin Sens. 1 H317 Aquatic Chronic 2 H411

styrene

Index-No. 601-026-00-0

CAS-No.: 100-42-5

Classification (1272/2008/CE): Flam. Liq. 3 H226 Acute Tox. 4 Inhalative H332 Asp. Tox. 1 H304 Eye Irrit. 2 H319 Skin Irrit. 2 H315 STOT SE 3 H335 STOT RE 1 Inhalative H372 Aquatic Chronic 3 H412 Repr. 2 H361d

1,3-butadiene; buta-1,3-diene

Index-No. 601-013-00-X

CAS-No.: 106-99-0

Classification (1272/2008/CE): Flam. Gas 1 H220 Press. Gas Muta. 1B H340 Carc. 1A H350

4-vinylcyclohexene

EC-No.: 202-848-9

CAS-No.: 100-40-3

Classification (1272/2008/CE): Carc. 2 H351 Flam. Liq. 2 H225 Skin Irrit. 2 H315 Asp. Tox. 1 H304 Repr. 2 H361 Aquatic Chronic 3 H412

ethylbenzene

EC-No.: 202-849-4

CAS-No.: 100-41-4

Classification (1272/2008/CE): Flam. Liq. 2 H225 Asp. Tox. 1 H304 Acute Tox. 4 Inhalative H332 STOT RE 2 Inhalative H373 Aquatic Chronic 3 H412

phenol; carboic acid; monohydroxybenzene; phenylalcohol

Index-No. 604-001-00-2

CAS-No.: 108-95-2

Classification (1272/2008/CE): Acute Tox. 3 Oral H301 Acute Tox. 3 Inhalative H331 Acute Tox. 3 Dermal H311 Skin Corr. 1B H314 Eye Dam. 1 H318 Muta. 2 H341 STOT RE 2 H373 Aquatic Chronic 2 H411

4-tert-butylphenol

Index-No. 604-090-00-8

CAS-No.: 98-54-4

Classification (1272/2008/CE): Skin Irrit. 2 H315 Eye Dam. 1 H318 Repr. 2 H361f Aquatic Chronic 1 H410

chlorobenzene

Index-No. 602-033-00-1

CAS-No.: 108-90-7

Classification (1272/2008/CE): Flam. Liq. 3 H226 Acute Tox. 4 Inhalative H332 Skin Irrit. 2 H315
Aquatic Chronic 2 H411

bisphenol A; 4,4'-isopropylidenediphenol

CAS-No.: 80-05-7

Classification (1272/2008/CE): Repr. 1B H360F STOT SE 3 Inhalative H335 Eye Dam. 1 H318 Skin
Sens. 1 H317 Aquatic Chronic 2 H411

triphenylphosphate

EC-No.: 204-112-2

CAS-No.: 115-86-6

Classification (1272/2008/CE): Aquatic Acute 1 H400 Aquatic Chronic 2 H411

n-butyl acrylate

Index-No. 607-062-00-3

CAS-No.: 141-32-2

Classification (1272/2008/CE): Flam. Liq. 3 H226 Acute Tox. 4 Inhalative H332 Skin Irrit. 2 H315 Eye
Irrit. 2 H319 Skin Sens. 1 H317 STOT SE 3 H335 Aquatic Chronic 3 H412

methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate

Index-No. 607-035-00-6

CAS-No.: 80-62-6

Classification (1272/2008/CE): Flam. Liq. 2 H225 STOT SE 3 H335 Skin Irrit. 2 H315 Skin Sens. 1
H317

SECTION 11: Toxicological information

Toxicological studies on the product are not yet available.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity, oral

No data available.

Acute toxicity, dermal

No data available.

Acute toxicity, inhalation

No data available.

Primary skin irritation

No data available.

Primary mucosae irritation

No data available.

Sensitisation

No data available.

Subacute, subchronic and prolonged toxicity

No data available.

Carcinogenicity

No data available.

Reproductive toxicity/Fertility

No data available.

Reproductive toxicity/Developmental Toxicity/Teratogenicity

No data available.

Genotoxicity in vitro

No data available.

Genotoxicity in vivo

No data available.

STOT evaluation – one-time exposure

No data available.

STOT evaluation – repeated exposure

No data available.

Aspiration toxicity

No data available.

11.2 Information on other hazards

Other information

According to our experience and information the product has no harmful effects on health if properly handled.

SECTION 12: Ecological information

Ecotoxicological studies of the product are not available.

Do not allow to escape into waterways, wastewater or soil.

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

The product is practically insoluble in water. In view of its consistency and insolubility in water, no ecological problems are to be expected if the product is properly handled. The product is not readily biodegradable.

SECTION 13: Disposal considerations

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

13.1 Waste treatment methods

After containers have been emptied as thoroughly as possible (e.g. by pouring, scraping or draining until "drip-dry"), they can be sent to an appropriate collection point set up within the framework of the existing take-back scheme of the chemical industry. Containers must be recycled in compliance with national legislation and environmental regulations.

The product is suitable for mechanical recycling. After appropriate treatment it can be remelted and reprocessed into new moulded articles. Mechanical recycling is only possible if the material has been selectively retrieved and carefully segregated according to type.

None disposal into waste water.

SECTION 14: Transport information

ADR/RID

14.1 UN number	:	Not dangerous goods
14.2 UN proper shipping name	:	Not dangerous goods
14.3 Transport hazard class(es)	:	Not dangerous goods
14.4 Packing group	:	Not dangerous goods
14.5 Environmental hazards	:	Not dangerous goods

ADN

14.1 UN number	:	Not dangerous goods
14.2 UN proper shipping name	:	Not dangerous goods
14.3 Transport hazard class(es)	:	Not dangerous goods
14.4 Packing group	:	Not dangerous goods
14.5 Environmental hazards	:	Not dangerous goods

Dangerous goods classification for inland waterways tanker by request only.

IATA

14.1 UN number	:	Not dangerous goods
14.2 UN proper shipping name	:	Not dangerous goods
14.3 Transport hazard class(es)	:	Not dangerous goods
14.4 Packing group	:	Not dangerous goods
14.5 Environmental hazards	:	Not dangerous goods

IMDG

14.1 UN number	:	Not dangerous goods
14.2 UN proper shipping name	:	Not dangerous goods
14.3 Transport hazard class(es)	:	Not dangerous goods
14.4 Packing group	:	Not dangerous goods
14.5 Marine pollutant	:	Not dangerous goods

14.6 Special precautions for user

See section 6 - 8.

Additional information : Not dangerous cargo. Keep dry.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Water contaminating class (Germany)

nw not water endangering
Identification number according to AwSV: 766

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been conducted for this substance / mixture resp. its components.

SECTION 16: Other information

Full text of the hazard statements of the CLP classification (1272/2008/CE) referred to under sections 2, 3 and 10.

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H340	May cause genetic defects.
H341	Suspected of causing genetic defects.
H350	May cause cancer.
H351	Suspected of causing cancer.
H360F	May damage fertility.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H361f	Suspected of damaging fertility.
H372	Causes damage to organs through prolonged or repeated exposure if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

The safety data sheet is also valid for corresponding BBS... types.

Abbreviations and acronyms

ADN	Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure
ADR	Accord européen relatif au transport international des marchandises Dangereuses par Route
ANSI	American National Standards Institute
ASTM	American Society of Testing and Materials (US)
ATE	Acute Toxic Estimate
AwSv	Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen
BCF	Bioconcentration Factor
CAS	Chemical Abstract Service
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
CMR	Cancerogenic Mutagenic Reprotoxic
DIN	Deutsches Institut für Normung
DNEL	Derived No-Effect Level
EC...	Effect Concentration ... %
EWC	European Waste Catalogue
IATA	International Air Transport Association
IBC	Intermediate Bulk Container
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LOAEL	Lowest Observable Adverse Effect Level
LC...	Lethal Concentration, ...%
LD...	Lethal Dose, ...%
MARPOL	International Convention for the Prevention of Pollution From Ships
NOAEL	No Observed Adverse Effect Level
NOEL/NOEC	No Observed Effect Level/Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire de marchandises Dangereuses
STOT	Specific Target Organ Toxicity
TRGS	Technische Regeln für Gefahrstoffe
vPvB	very Persistent, very Bioaccumulative
WGK	Wassergefährdungsklasse

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Technical Datasheet

Article No.	750-00383BW
Description:	Kilips-Batch lichtgrau
Dosage	2,0 - 5,0 %
Shrinkage	No
RL 10/2011	Yes
BfR Recommendation	Yes
FDA approved	Yes
RL 2011/65/EU	Yes
EN 71-3	Yes

Application for following plastics:

	PE/PP	PS/SB	ABS	SAN	PBT	PA	POM	PC	PMMA	TPE
HR	300	300	300	300	300	300	220	300	280	260
LF	8	8	8	8	8	8	8	8	8	8
WF	5	5	5	5	5	5	5	5	5	5

HR = Heat resistance (°C)

LF = Light fastness (Blue scale, 1-8)

WF = Weatherfastness (Grey scale, 1-5)

This statement based on information from our supplier.

We recommend tests of the final product.

For further information please ask Mrs. Hertel.

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E-mail: dorit.hertel@batchwerk.de