

iBVD

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Version  
1

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2021-06-08  
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2021-07-02



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 end piece, fastening element, sheet metal screw

### Övriga upplysningar

#### Klassificeringar

ETIM ›	
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

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wise.matthew@obobettermann.se

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## HÅLLBARHETSARBETE

### Företagets certifiering

- ISO 9000
- ISO 14000

## INNEHÅLLSDEKLARATION

<b>Kemisk produkt</b>	Nej
<b>Omfattas varan av RoHS-direktivet</b>	Nej
<b>Innehåller produkten tillsatt nanomaterial, som är medvetet tillsatta för att uppnå en viss funktion</b>	Nej
<b>Varans vikt</b>	0,056 kg

### Vara / Delkomponenter

Koncentrationen har beräknats på komponentnivå

End piece (PVC-U RAL9010) - 62,7% av hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
2-ETHYLHEXYL 10-ETHYL-4,4-DIOCTYL-7-OXO-8-OXA-3,5-DITHIA-4-STANNATETRADECANO ATE	10%	15571-58-1		6,27%	
2-ETHYLHEXYL 10-ETHYL-4-[[2-[(2-ETHYLHEXYL)OXY]-2-OXOETHYL]THIO]-4-OCTYL-7-OXO-8-OXA-3,5-DITHIA-4-STANNATETRADECANO ATE	1%	27107-89-7		0,627%	

Fastening element (PP-B Natur) - 33% av hela varan

Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Sheet metal screw (Galvanised steel) - 4,3% av hela varan					

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Ingående material /komponenter	Vikt-% i komponent	CAS-nr (alt legering)	EG-nr (alt legering)	Vikt % i produkt	Kommentar
Del av materialinnehållet som är deklarerat				100%	

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 BYGGSCHEDET

Ställer varan särskilda krav vid lagring?

Nej

Ställer varan särskilda krav på omgivande byggvaror?

Nej

## 8 BRUKSSCHEDET

Finns skötselanvisningar/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

## 10

## AVFALLSHANTERING

Omfattas den levererade varan av förordningen (2014:1075) om producentansvar för elektriska och elektroniska produkter när den blir avfall? Nej

Är återanvändning möjlig för hela eller delar av varan? Nej

Är materialåtervinning möjlig för hela eller delar av varan? Ja

All components can be recycled

Är energiåtervinning möjlig för hela eller delar av varan? Ja

Energy recovery is possible for plastic components

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
11 766 45	6274570	4012195656951

**Produktdatablad**                      Rapid 80 plastic device installation trunking systems.pdf

**Prestandadeklaration**

**Säkerhetsblad**

**Miljövarudeklaration**

**Skötselansvisning**

**Övriga bifogade dokument**

-10516026\_GB.pdf

-SDS EVICOM IR 69 (ALL COLORUS) English\_Rev.1.pdf



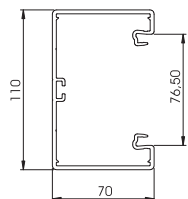
## Rapid 80 plastic device installation trunking systems

	<b>Device installation trunking, 1-compartment, trunking width 110 mm</b>	170
	<b>Device installation trunking, 1-compartment, trunking width 130 mm</b>	174
	<b>Device installation trunking, 1-compartment, trunking width 170 mm</b>	178



Trunking height 70 mm, trunking width 110 mm

## Device installation trunking, type GK70110

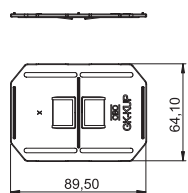


Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-70110RW	Pure white	2000	8	132.000	6274300
GK-70110CW	Cream	2000	8	132.000	6274301
GK-70110LGR	Light grey	2000	8	132.000	6274302
GK-70110GR	Stone grey	2000	8	132.000	6274306

**PVC** Polyvinylchloride

GK device installation trunking, made of lead-free PVC, suitable for installing directly on the wall or on wall panels. Fastening takes place using the perforation in the trunking. The GK device installation trunking possesses a C profile on the floor to accept a plastic partition. All the switch programmes with a support ring and support clamp design as well as Modul 45 installation devices can be installed in the accessory mounting boxes of series 71GD.... The system opening is 76.5 mm. On each trunking length, a coupling pair is pre-assembled on one side. The cover must be ordered separately.

## Coupling

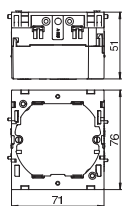


Type	Colour	Pack. PU	Weight kg/100 PUs	Item No.
GK-KUP	Light grey	1	2.140	6274650

**ABS/ASA** Acrylonitrile butadiene styrene

Coupling as trunking connector for tight connection of the trunking sections. A coupling pair is included and pre-mounted for each stock length.

## Accessory mounting box, single

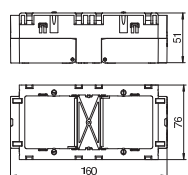


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GD6	Iron grey	5	5.600	6288610

**PA** Polyamide

Front locking accessory mounting box for switch systems, with folding, and also removable, base for time saving cable connection, with feed openings for cable diameters of up to 14 mm.

## Accessory mounting box, double

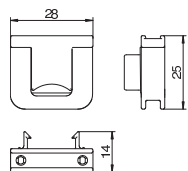


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GD7	Iron grey	2	11.000	6288611

**PA** Polyamide

Front locking accessory mounting box for standard switch ranges for the installation of two individual installation devices or a multiple power socket. With unfolding, and also removable, base for time-saving cable connection and with feed openings for cable diameters of up to 14 mm.

## Strain relief for service outlet

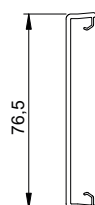


Type	Pack. pcs	Weight kg/100 pcs.	Item No.
7ZE	50	0.700	6288790

**PA** Polyamide

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... .

## Plastic trunking cover, smooth



Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-OTGRW	Pure white	2000	16	27.500	6278680
GK-OTGCW	Cream	2000	16	27.500	6278681
GK-OTGLGR	Light grey	2000	16	27.500	6278682
GK-OTGGR	Stone grey	2000	16	27.500	6278686

**PVC** Polyvinylchloride

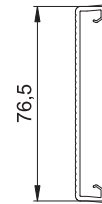
Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.

### Plastic trunking cover, fluted

Type	Colour	Length mm	Pack. Weight		Item No.
			m	kg/100 m	
GK-OTKRW	Pure white	2000	16	27.000	6278780
GK-OTKCW	Cream	2000	16	27.000	6278781
GK-OTKLGR	Light grey	2000	16	27.000	6278782

**PVC** Polyvinylchloride

Fluted trunking cover, for closing device installation trunking with 76.5 mm system opening.

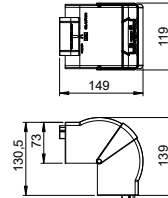


### External corner cover, variable

Type	Colour	Length mm	Pack. Weight		Item No.
			pcs	kg/100 pcs.	
GK-AH70110RW	Pure white	130.5	1	15.000	6274210
GK-AH70110CW	Cream	130.5	1	15.000	6274211
GK-AH70110LGR	Light grey	130.5	1	15.000	6274212

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

External corner cover made of halogen-free PC/ABS for changing the direction of Rapid 80 device installation trunking of the GK, GKH, GS and GA systems. The fittings can be variably adjusted between 80° and 100° and can be used in symmetrical and asymmetrical trunking.

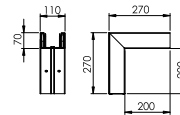


### External corner

Type	Colour	Pack. Weight		Item No.
		pcs	kg/100 pcs.	
GK-A70110RW	Pure white	1	116.000	6274310
GK-A70110CW	Cream	1	116.000	6274311
GK-A70110LGR	Light grey	1	116.000	6274312
GK-A70110GR	Stone grey	1	116.000	6274316

**PVC** Polyvinylchloride

External corner for changing the direction of the GK device installation trunking.

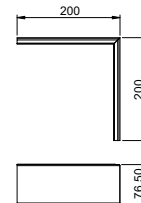


### External corner cover, smooth

Type	Colour	Pack. Weight		Item No.
		pcs	kg/100 pcs.	
GK-OTGARW	Pure white	2	9.500	6274790
GK-OTGACW	Cream	2	9.500	6274791
GK-OTGALGR	Light grey	2	9.500	6274792
GK-OTGAGR	Stone grey	2	9.500	6274796

**PVC** Polyvinylchloride

PVC external corner cover, smooth surface.

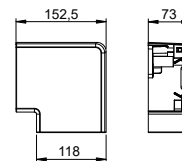


### Flat angle cover

Type	Colour	Length mm	Pack. Weight		Item No.
			pcs	kg/100 pcs.	
GK-FH70110RW	Pure white	152.5	1	15.100	6274220
GK-FH70110CW	Cream	152.5	1	15.100	6274221
GK-FH70110LGR	Light grey	152.5	1	15.100	6274222

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle cover fitting made of halogen-free PC/ABS for simple creation of a rising or falling 90° change of direction with device installation trunking of the series Rapid 80 GK, GKH, GS and GA. The flat angle cover fitting can be used for symmetrical and asymmetrical trunking types.

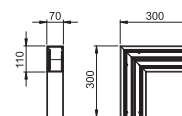


### Flat angle

Type	Colour	Pack. Weight		Item No.
		pcs	kg/100 pcs.	
GK-F70110RW	Pure white	1	78.000	6274320
GK-F70110CW	Cream	1	78.000	6274321
GK-F70110LGR	Light grey	1	78.000	6274322
GK-F70110GR	Stone grey	1	78.000	6274326

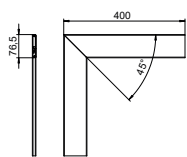
**PVC** Polyvinylchloride

Flat angle for changing the direction of the GK device installation trunking.



Trunking height 70 mm, trunking width 110 mm

## Flat angle cover, smooth

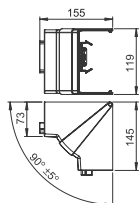


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-OTGFRW	Pure white	1	17.000	6274490
GK-OTGFCW	Cream	1	17.000	6274491
GK-OTGFLGR	Light grey	1	17.000	6274492
GK-OTGFGR	Stone grey	1	17.000	6274496

**PVC** Polyvinylchloride

Flat angle cover, smooth surface.

## Internal corner cover, variable

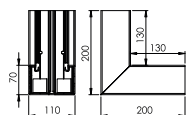


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-IH70110RW	Pure white	1	14.200	6274240
GK-IH70110CW	Cream	1	14.200	6274241
GK-IH70110LGR	Light grey	1	14.200	6274282

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Internal corner cover made of halogen-free PC/ABS for changing the direction of Rapid 80 device installation trunking of the GK, GKH GS and GA systems. The fittings can be variably adjusted between 85° and 95° and can be used in symmetrical and asymmetrical trunking.

## Internal corner

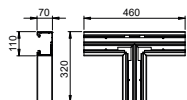


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-I70110RW	Pure white	1	100.000	6274340
GK-I70110CW	Cream	1	100.000	6274341
GK-I70110LGR	Light grey	1	100.000	6274342
GK-I70110GR	Stone grey	1	100.000	6274346

**PVC** Polyvinylchloride

Internal corner for changing the direction of the GK device installation trunking.

## T-piece

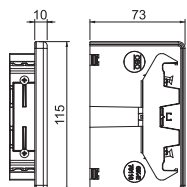


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-T70110RW	Pure white	1	100.000	6274360
GK-T70110CW	Cream	1	100.000	6274361
GK-T70110LGR	Light grey	1	100.000	6274362
GK-T70110GR	Stone grey	1	100.000	6274366

**PVC** Polyvinylchloride

T-piece for changing the direction of the GK device installation trunking.

## End piece

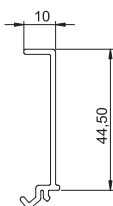


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-E70110RW	Pure white	1	5.009	6274370
GK-E70110CW	Cream	1	5.009	6274371
GK-E70110LGR	Light grey	1	5.009	6274372
GK-E70110GR	Stone grey	1	5.009	6274376

**PVC** Polyvinylchloride

End piece for closing the GK device installation trunking.

## Partition



Type	Length mm	Pack.	Weight	Item No.
		m	kg/100 m	
GK-TW70	2000	40	17.400	6274900

**PVC** Polyvinylchloride

Partition for mounting in Rapid 80 GK, GA and Rapid IBIS device installation trunking or ISS service poles for installing cables of different voltage levels.

### Duct clamp

Type	Surface	Length	Colour	Pack.	Weight	Item No.
	finish	mm		pcs	kg/100 pcs.	
<b>KL80A</b>	—	—	Light grey	20	0.685	<b>6288640</b>

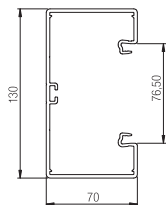
**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.



Trunking height 70 mm, trunking width 130 mm

## Device installation trunking, type GK70130

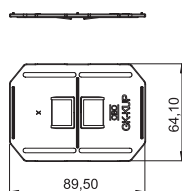


Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-70130RW	Pure white	2000	8	152.000	6274500
GK-70130CW	Cream	2000	8	152.000	6274501
GK-70130LGR	Light grey	2000	8	152.000	6274502
GK-70130GR	Stone grey	2000	8	152.000	6274506

**PVC** Polyvinylchloride

GK device installation trunking, made of lead-free PVC, suitable for installing directly on the wall or on wall panels. Fastening takes place using the perforation in the trunking. The GK device installation trunking possesses a C profile on the floor to accept a plastic partition. All the switch programmes with a support ring and support clamp design as well as Modul 45 installation devices can be installed in the accessory mounting boxes of series 71GD.... The system opening is 76.5 mm. On each trunking length, a coupling pair is pre-assembled on one side. The cover must be ordered separately.

## Coupling

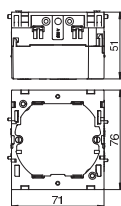


Type	Colour	Pack. PU	Weight kg/100 PUs	Item No.
GK-KUP	Light grey	1	2.140	6274650

**ABS/ASA** Acrylonitrile butadiene styrene

Coupling as trunking connector for tight connection of the trunking sections. A coupling pair is included and pre-mounted for each stock length.

## Accessory mounting box, single

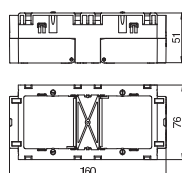


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GD6	Iron grey	5	5.600	6288610

**PA** Polyamide

Front locking accessory mounting box for switch systems, with folding, and also removable, base for time saving cable connection, with feed openings for cable diameters of up to 14 mm.

## Accessory mounting box, double

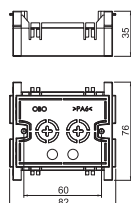


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GD7	Iron grey	2	11.000	6288611

**PA** Polyamide

Front locking accessory mounting box for standard switch ranges for the installation of two individual installation devices or a multiple power socket. With unfolding, and also removable, base for time-saving cable connection and with feed openings for cable diameters of up to 14 mm.

## Accessory mounting box, British Standard, single

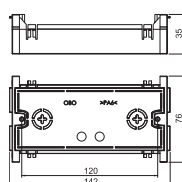


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GDBS1	—	10	3.300	6288585

**PA** Polyamide

Front-locking, single accessory mounting box for British Standard switch systems. Insertion opening for cable diameters of up to max. 17 mm. Can be used in all device installation trunking of the Rapid 80 series and ISS service poles with 76.5 mm system opening.

## Accessory mounting box, British Standard, double



Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GDBS2	—	10	5.300	6288586

**PA** Polyamide

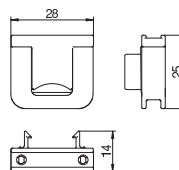
Front-locking, double accessory mounting box for British Standard switch systems. Insertion opening for cable diameters of up to max. 17 mm. Can be used in all device installation trunking of the Rapid 80 series and ISS service poles with 76.5 mm system opening.

### Strain relief for service outlet

Type	Colour	Length mm	Pack. pcs	Weight kg/100 pcs	Item No.
<b>7ZE</b>			50	0.700	<b>6288790</b>

PA Polyamide

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD...

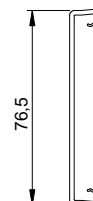


### Plastic trunking cover, smooth

Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
<b>GK-OTGRW</b>	Pure white	2000	16	27.500	<b>6278680</b>
<b>GK-OTGCW</b>	Cream	2000	16	27.500	<b>6278681</b>
<b>GK-OTGLGR</b>	Light grey	2000	16	27.500	<b>6278682</b>
<b>GK-OTGGR</b>	Stone grey	2000	16	27.500	<b>6278686</b>

PVC Polyvinylchloride

Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.

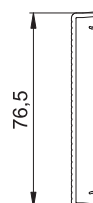


### Plastic trunking cover, fluted

Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
<b>GK-OTKRW</b>	Pure white	2000	16	27.000	<b>6278780</b>
<b>GK-OTKCW</b>	Cream	2000	16	27.000	<b>6278781</b>
<b>GK-OTKLGR</b>	Light grey	2000	16	27.000	<b>6278782</b>

PVC Polyvinylchloride

Fluted trunking cover, for closing device installation trunking with 76.5 mm system opening.

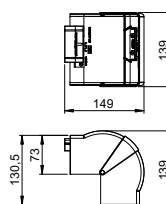


### External corner cover, variable

Type	Colour	Length mm	Pack. pcs	Weight kg/100 pcs	Item No.
<b>GK-AH70130RW</b>	Pure white	130.5	1	18.535	<b>6274410</b>
<b>GK-AH70130CW</b>	Cream	130.5	1	16.100	<b>6274411</b>
<b>GK-AH70130LGR</b>	Light grey	130.5	1	16.100	<b>6274412</b>

PC/ABS Polycarbonate/acrylnitrile-butadiene-styrene

External corner cover made of halogen-free PC/ABS for changing the direction of Rapid 80 device installation trunking of the GK, GKH, GS and GA systems. The fittings can be variably adjusted between 80° and 100° and can be used in symmetrical and asymmetrical trunking.

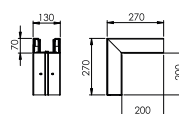


### External corner

Type	Colour	Pack. pcs	Weight kg/100 pcs	Item No.
<b>GK-A70130RW</b>	Pure white	1	127.000	<b>6274510</b>
<b>GK-A70130CW</b>	Cream	1	127.000	<b>6274511</b>
<b>GK-A70130LGR</b>	Light grey	1	127.000	<b>6274512</b>
<b>GK-A70130GR</b>	Stone grey	1	127.000	<b>6274516</b>

PVC Polyvinylchloride

External corner for changing the direction of the GK device installation trunking.

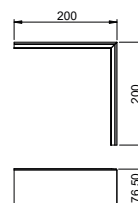


### External corner cover, smooth

Type	Colour	Pack. pcs	Weight kg/100 pcs	Item No.
<b>GK-OTGARW</b>	Pure white	2	9.500	<b>6274790</b>
<b>GK-OTGACW</b>	Cream	2	9.500	<b>6274791</b>
<b>GK-OTGALGR</b>	Light grey	2	9.500	<b>6274792</b>
<b>GK-OTGAGR</b>	Stone grey	2	9.500	<b>6274796</b>

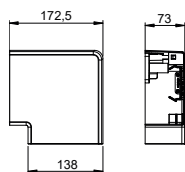
PVC Polyvinylchloride

PVC external corner cover, smooth surface.



Trunking height 70 mm, trunking width 130 mm

## Flat angle cover

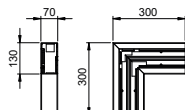


Type	Colour	Length mm	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-FH70130RW	Pure white	172.5	1	17.100	6274420
GK-FH70130CW	Cream	172.5	1	17.100	6274421
GK-FH70130LGR	Light grey	172.5	1	17.100	6274422

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle cover fitting made of halogen-free PC/ABS for simple creation of a rising or falling 90° change of direction with device installation trunking of the series Rapid 80 GK, GKH, GS and GA. The flat angle cover fitting can be used for symmetrical and asymmetrical trunking types.

## Flat angle

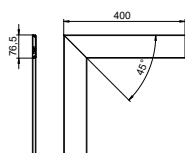


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-F70130RW	Pure white	1	83.000	6274520
GK-F70130CW	Cream	1	83.000	6274521
GK-F70130LGR	Light grey	1	83.000	6274522
GK-F70130GR	Stone grey	1	83.000	6274526

**PVC** Polyvinylchloride

Flat angle for changing the direction of the GK device installation trunking.

## Flat angle cover, smooth

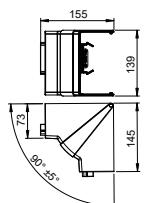


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-OTGFRW	Pure white	1	17.000	6274490
GK-OTGFCW	Cream	1	17.000	6274491
GK-OTGFLGR	Light grey	1	17.000	6274492
GK-OTGFGR	Stone grey	1	17.000	6274496

**PVC** Polyvinylchloride

Flat angle cover, smooth surface.

## Internal corner cover, variable

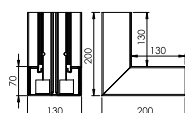


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-IH70130RW	Pure white	1	14.900	6274440
GK-IH70130CW	Cream	1	14.900	6274441
GK-IH70130LGR	Light grey	1	14.900	6274442

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Internal corner cover made of halogen-free PC/ABS for changing the direction of Rapid 80 device installation trunking of the GK, GKH GS and GA systems. The fittings can be variably adjusted between 85° and 95° and can be used in symmetrical and asymmetrical trunking.

## Internal corner

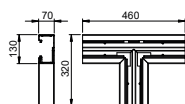


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-I70130RW	Pure white	1	110.000	6274540
GK-I70130CW	Cream	1	110.000	6274541
GK-I70130LGR	Light grey	1	110.000	6274542
GK-I70130GR	Stone grey	1	110.000	6274546

**PVC** Polyvinylchloride

Internal corner for changing the direction of the GK device installation trunking.

## T-piece



Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-T70130RW	Pure white	1	108.000	6274560
GK-T70130CW	Cream	1	108.000	6274561
GK-T70130LGR	Light grey	1	108.000	6274562
GK-T70130GR	Stone grey	1	108.000	6274566

**PVC** Polyvinylchloride

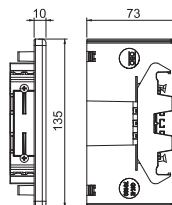
T-piece for changing the direction of the GK device installation trunking.

Type	Surface finish	Length mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
GK-E70130RW	—	—	Pure white	1	5.574	6274570
GK-E70130CW	—	—	Cream	1	5.621	6274571
GK-E70130LGR	—	—	Light grey	1	5.621	6274572
GK-E70130GR	—	—	Stone grey	1	5.621	6274576

**PVC** Polyvinylchloride

End piece for closing the GK device installation trunking.

### End piece

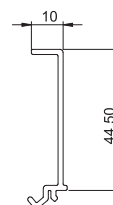


Type	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-TW70	2000	40	17.400	6274900

**PVC** Polyvinylchloride

Partition for mounting in Rapid 80 GK, GA and Rapid IBIS device installation trunking or ISS service poles for installing cables of different voltage levels.

### Partition



Type	Surface finish	Length mm	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
KL80A	—	—	Light grey	20	0.685	6288640

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

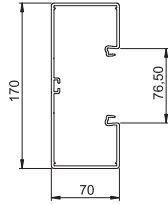
Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.

### Duct clamp



Trunking height 70 mm, trunking width 170 mm

## Device installation trunking, type GK70170

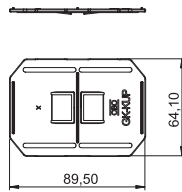


Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-70170RW	Pure white	2000	8	180.000	6274700
GK-70170CW	Cream	2000	8	180.000	6274701
GK-70170LGR	Light grey	2000	8	180.000	6274702
GK-70170GR	Stone grey	2000	8	180.000	6274706

**PVC** Polyvinylchloride

GK device installation trunking, made of lead-free PVC, suitable for installing directly on the wall or on wall panels. Fastening takes place using the perforation in the trunking. The GK device installation trunking possesses a C profile on the floor to accept a plastic partition. All the switch programmes with a support ring and support clamp design as well as Modul 45 installation devices can be installed in the accessory mounting boxes of series 71GD.... The system opening is 76.5 mm. On each trunking length, a coupling pair is pre-assembled on one side. The cover must be ordered separately.

## Coupling

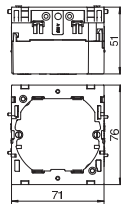


Type	Colour	Pack. PU	Weight kg/100 PUs	Item No.
GK-KUP	Light grey	1	2.140	6274650

**ABS/ASA** Acrylonitrile butadiene styrene

Coupling as trunking connector for tight connection of the trunking sections. A coupling pair is included and pre-mounted for each stock length.

## Accessory mounting box, single

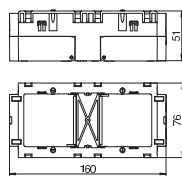


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GD6	Iron grey	5	5.600	6288610

**PA** Polyamide

Front locking accessory mounting box for switch systems, with folding, and also removable, base for time saving cable connection, with feed openings for cable diameters of up to 14 mm.

## Accessory mounting box, double

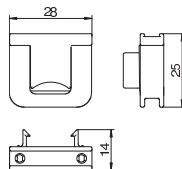


Type	Colour	Pack. pcs	Weight kg/100 pcs.	Item No.
71GD7	Iron grey	2	11.000	6288611

**PA** Polyamide

Front locking accessory mounting box for standard switch ranges for the installation of two individual installation devices or a multiple power socket. With unfolding, and also removable, base for time-saving cable connection and with feed openings for cable diameters of up to 14 mm.

## Strain relief for service outlet



Type	Pack. pcs	Weight kg/100 pcs.	Item No.
7ZE	50	0.700	6288790

**PA** Polyamide

Strain relief with locking clips, suitable for the accessory mounting boxes 7GD... and 71GD... .

## Plastic trunking cover, smooth



Type	Colour	Length mm	Pack. m	Weight kg/100 m	Item No.
GK-OTGRW	Pure white	2000	16	27.500	6278680
GK-OTGCW	Cream	2000	16	27.500	6278681
GK-OTGLGR	Light grey	2000	16	27.500	6278682
GK-OTGGR	Stone grey	2000	16	27.500	6278686

**PVC** Polyvinylchloride

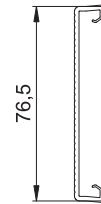
Smooth trunking cover, for closing device installation trunking with 76.5 mm system opening.

### Plastic trunking cover, fluted

Type	Colour	Length mm	Pack. m	Weight		Item No.
				kg/100 m		
GK-OTKRW	Pure white	2000	16	27.000		6278780
GK-OTKCW	Cream	2000	16	27.000		6278781
GK-OTKLGR	Light grey	2000	16	27.000		6278782

**PVC** Polyvinylchloride

Fluted trunking cover, for closing device installation trunking with 76.5 mm system opening.

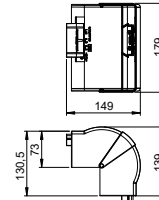


### External corner cover, variable

Type	Colour	Length mm	Pack. pcs	Weight		Item No.
				kg/100 pcs		
GK-AH70170RW	Pure white	130.5	1	20.490		6274610
GK-AH70170CW	Cream	130.5	1	20.490		6274611
GK-AH70170LGR	Light grey	130.5	1	20.490		6274612

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

External corner cover made of halogen-free PC/ABS for changing the direction of Rapid 80 device installation trunking of the GK, GKH, GS and GA systems. The fittings can be variably adjusted between 80° and 100° and can be used in symmetrical and asymmetrical trunking.

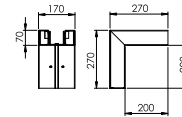


### External corner

Type	Colour	Pack. pcs	Weight		Item No.
			kg/100 pcs		
GK-A70170RW	Pure white	1	149.000		6274710
GK-A70170CW	Cream	1	149.000		6274711
GK-A70170LGR	Light grey	1	149.000		6274712
GK-A70170GR	Stone grey	1	149.000		6274716

**PVC** Polyvinylchloride

External corner for changing the direction of the GK device installation trunking.

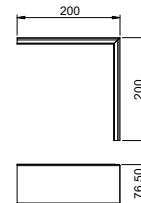


### External corner cover, smooth

Type	Colour	Pack. pcs	Weight		Item No.
			kg/100 pcs		
GK-OTGARW	Pure white	2	9.500		6274790
GK-OTGACW	Cream	2	9.500		6274791
GK-OTGALGR	Light grey	2	9.500		6274792
GK-OTGAGR	Stone grey	2	9.500		6274796

**PVC** Polyvinylchloride

PVC external corner cover, smooth surface.

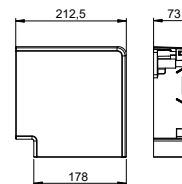


### Flat angle cover

Type	Colour	Length mm	Pack. pcs	Weight		Item No.
				kg/100 pcs		
GK-FH70170RW	Pure white	212.5	1	19.131		6274620
GK-FH70170CW	Cream	212.5	1	19.131		6274621
GK-FH70170LGR	Light grey	212.5	1	19.131		6274622

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Flat angle cover fitting made of halogen-free PC/ABS for simple creation of a rising or falling 90° change of direction with device installation trunking of the series Rapid 80 GK, GKH, GS and GA. The flat angle cover fitting can be used for symmetrical and asymmetrical trunking types.

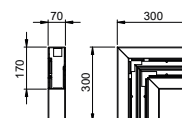


### Flat angle

Type	Colour	Pack. pcs	Weight		Item No.
			kg/100 pcs		
GK-F70170RW	Pure white	1	91.000		6274720
GK-F70170CW	Cream	1	91.000		6274721
GK-F70170LGR	Light grey	1	91.000		6274722
GK-F70170GR	Stone grey	1	91.000		6274726

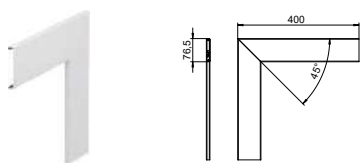
**PVC** Polyvinylchloride

Flat angle for changing the direction of the GK device installation trunking.



Trunking height 70 mm, trunking width 170 mm

## Flat angle cover, smooth

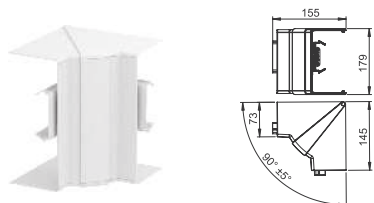


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-OTGFRW	Pure white	1	17.000	6274490
GK-OTGFCW	Cream	1	17.000	6274491
GK-OTGFLGR	Light grey	1	17.000	6274492
GK-OTGFGR	Stone grey	1	17.000	6274496

**PVC** Polyvinylchloride

Flat angle cover, smooth surface.

## Internal corner cover, trunking height 70 mm

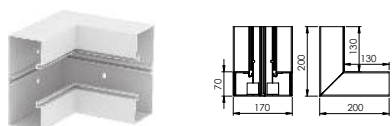


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-IH70170RW	Pure white	1	16.300	6274640
GK-IH70170CW	Cream	1	16.300	6274641
GK-IH70170LGR	Light grey	1	16.300	6274642

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Internal corner cover made of halogen-free PC/ABS for changing the direction of Rapid 80 device installation trunking of the GK, GKH GS and GA systems. The fittings can be variably adjusted between 85° and 95° and can be used in symmetrical and asymmetrical trunking.

## Internal corner

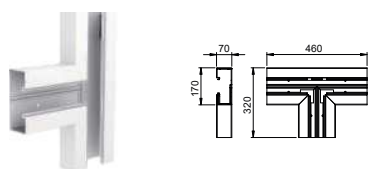


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-I70170RW	Pure white	1	130.000	6274740
GK-I70170CW	Cream	1	130.000	6274741
GK-I70170LGR	Light grey	1	130.000	6274742
GK-I70170GR	Stone grey	1	130.000	6274746

**PVC** Polyvinylchloride

Internal corner for changing the direction of the GK device installation trunking.

## T-piece

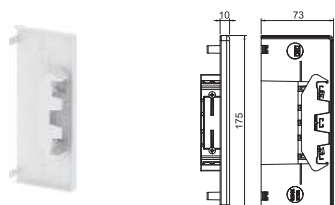


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-T70170RW	Pure white	1	120.000	6274760
GK-T70170CW	Cream	1	120.000	6274761
GK-T70170LGR	Light grey	1	120.000	6274762
GK-T70170GR	Stone grey	1	120.000	6274766

**PVC** Polyvinylchloride

T-piece for changing the direction of the GK device installation trunking.

## End piece

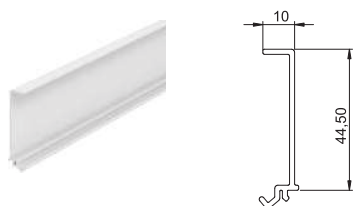


Type	Colour	Pack.	Weight	Item No.
		pcs	kg/100 pcs.	
GK-E70170RW	Pure white	1	6.840	6274770
GK-E70170CW	Cream	1	6.840	6274771
GK-E70170LGR	Light grey	1	6.840	6274772
GK-E70170GR	Stone grey	1	6.840	6274776

**PVC** Polyvinylchloride

End piece for closing the GK device installation trunking.

## Partition



Type	Length mm	Pack.	Weight	Item No.
		m	kg/100 m	
GK-TW70	2000	40	17.400	6274900

**PVC** Polyvinylchloride

Partition for mounting in Rapid 80 GK, GA and Rapid IBIS device installation trunking or ISS service poles for installing cables of different voltage levels.

### Duct clamp

Type	Surface	Length	Colour	Pack.	Weight	Item No.
	finish	mm		pcs	kg/100 pcs.	
<b>KL80A</b>	—	—	Light grey	20	0.685	<b>6288640</b>

**PC/ABS** Polycarbonate/acrylnitrile-butadiene-styrene

Duct clamp for holding cables securely and for fastening the partition in Rapid 80 GK, GS and GA device installation trunking systems as well as in ISS service poles with a 76.5 mm system opening.





PETROLKÉMIA

## MATERIAL SAFETY DATA SHEET

(according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830)

### Polypropylene TIPPLEN

Date of issue:  
22.05.1998.

Last revision: 14.12.2018.  
Ver. 4.1.

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1. Identification of the substance or preparation

Trade name: TIPPLEN  
Chemical name: polypropylene  
polypropylene – homopolymer (CAS 9003-07-0)  
polypropylene – ethylene/propylen copolymer (CAS 9010-79-1)  
Registration number: the product is not registered according to Regulation of The European Parliament and of the Council (EC) No. 1907/2006 (Title I, Article 2, Paragraph 9)

### 1.2. Use of the substance

The substance has a wide range of uses such as: plastic packages, synthetic fibers, automobileindustry parts, various parts for construction/building industries, sport equipment, household,hygienic goods, etc.

### 1.3. Company/undertaking identification

MOL Petrochemicals Co. Ltd., H-3581 Pf. 20. Tiszaújváros, Hungary  
Company registration number (CRN): 05-10-000065

E-mail: [sds@tvk.hu](mailto:sds@tvk.hu)

### 1.4. Emergency telephone

MOL Petrochemicals Co. Ltd., H-3581 Pf. 20. Tiszaújváros, Hungary

Company operator at TVK Plc. (24 hours)  
Tel. 36 49-522-222; +36 49-521-198  
Fax +36 49-544-196 E-mail: [diszpecser@tvk.hu](mailto:diszpecser@tvk.hu)

National Chemical Safety Institute, National Toxicological Information Centre (NTIC); Budapest  
1096 Budapest, Nagyvárad tér 2., Hungary  
Phone: +36 1 476 6464; Free call: +36 80 201199; Fax: +36 1 476 1138

## 2. HAZARDS IDENTIFICATION

### 2.1. Compound classification

TIPPLEN is not classified as a dangerous substance according to the Regulation (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL..

### 2.2. Particular hazards for human health:

Under conditions of proper use, TIPPLEN has neither acute nor chronic adverse effects on human health.  
Dust inhalation may irritate respiratory organs.  
Melted product may cause serious burns following the contact with the skin or eyes.  
Vapors formed by processing at higher temperatures may irritate respiratory system and eyes.  
Ingestion of small amounts should not cause any problems.

### 2.3. Environmental hazard

TIPPLEN has no harmful effects in the environment. It is a foreign substance in the environmentwith very slow degradation. The degradation is mainly caused by UV irradiation. The

substance is insoluble in water.

**2.4. Other information**

Flammable, but not readily to ignite. Dangerous and irritating substances may be released by combustion.

The dust is explosive; air-borne dust concentration above the low explosive limit may cause the risk of explosion. The product can become electrostatically charged.

**2.5. Other hazards**

Not specified.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Chemical characteristics**

Homopolymer polypropylene or ethylene/propylene copolymer in the form of pellets of wax appearance.

**3.2. Hazardous ingredients in product**

none

**4. FIRST AID MEASURES**

**4.1. General information**

No special precaution measures are needed. In case of health problems or uncertainty seek medical attention and provide information from this material safety data sheet.

**4.2. Inhalation**

In case of dust or irritating vapors inhalation move the affected person to fresh air. Seek medical advice if the symptoms persist.

**4.3. Eye contact**

If dust irritates eyes, rinse eyes with water or remove the dust as other common physical contamination. Seek medical advice if the symptoms persist.

**4.4. Skin contact**

First aid is generally not needed. General hygiene measures should be followed. Don't remove the melted product from the skin. Cool affected area with running cool water and provide medical attention.

**4.5. Ingestion**

In case of ingestion of bigger amounts seek specialized medical attention.

**5. FIRE-FIGHTING MEASURES**

**5.1. Suitable extinguishing media**

Fire – smaller extend: dry extinguishing material, CO<sub>2</sub>, sprayed water, or foam

Fire – intensive: sprayed water, water fog, or foam.

**5.2. Extinguishing media which shall not be used for safety reasons**

Full water-jet.

**5.3. Special hazard in case of fire**

Irritating gases and dense smokes are produce by the combustion. Carbon oxides (CO and CO<sub>2</sub>) may develop.

**5.4. Special hazard of explosion**

During the transport of the product (e.g. filling or emptying of the silos, tanks, hoppers, etc.) dust particles may be formed in the production facilities, which following its accumulation, may ignite or explode in the consequence of electrostatic charge induction. Measures against electrostatic charging are therefore needed (grounding, measures for safe electrostatic discharging) for these facilities.

**5.5. Special protection equipment for firefighters**

Full protective clothing and self-contained breathing apparatus.

**5.6. Other information**

In case of great fire, protect persons, storage facilities, and all other objects near the fire with the water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions

Spilled pellets may cause slipping hazard and the risk of tumbling. Avoid areas with the scattered air-borne dust. Do not inhale the dust. Avoid contact of the melted material with the skin or eyes.

### 6.2 Environmental precautions

Do not drain spilled material in the canalization system.

### 6.3 Recommended clean-up methods

Sweep spilled material and place it in appropriate packages (big-bags) or clean containers. According to the level of contamination, the spilled material may be recycled, or disposed in compliance with the relevant waste management legislation.

## 7. HANDLING AND STORAGE

### 7.1. Handling

Keep to all fire-fighting measures (do not work with open flame, keep away from all sources of ignition, do not smoke). Prevent dust formation and electrostatic discharging. Prevent accidental releases of the material in the environment during the manipulation.

### 7.2. Storage

Storage facilities must fulfill all fire safety requirements for buildings, and all electrical appliances must be compliant with the applicable regulations. Store the product in dry, well-ventilated roofed storehouse. Protect from direct sunlight. Recommended storage temperature: -20°C to + 40°C. The product should be kept at least 1 m from the heat sources. Prevent accidental releases of the material in the environment during the storage.

### 7.3. Specific use(s)

Not specified

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Exposure limit values

Allowed exposure limit value for the whole concentration of polypropylene dust in the air on the workplace is 5 mg.m<sup>-3</sup>.

### 8.2. Exposure controls

Recommended method for monitoring of polypropylene dust in air on workplace: gravimetry and dustmeter

### 8.3. Occupational exposure controls

Workplace protective measures:

- in case of dust formation use adequate ventilation.
- installation of the exhaust ventilation equipment over the processing appliances is recommended to exhaust vapors from the melted polypropylene.

Individual protective measures:

The workers should wear personal protection equipment (PPE) for the protection of eyes, Respiratory system, skin, foots and hands, as follows:

<i>Eyes:</i>	- safety goggles
<i>respiratory system:</i>	- ventilation system exhausting dust and vapors is normally required, if not adequate, use respirator.
<i>Skin:</i>	- protective clothing
<i>Legs:</i>	- closed shoes, slip-resistant
<i>Hand:</i>	- protective gloves made of para-aramid/carbon composite fabric, with the heat insulation to min. 270°C and leather sleeves for the forearm protection. For example, five-fingers gloves from KCL, type "Karbo TECT with the leather sleeves" (heat insulation to 350°C) may be used.

9. PHYSICAL AND CHEMICAL PROPERTIES	
<b>9.1. General information</b>	
• appearance:	solid
• colour:	colourless
• odour:	odourless
<b>9.2. Important health, safety and environmental information</b>	
• pH-value:	not defined
• boiling point (°C):	not determined
• flash point (°C):	350 -370
• low explosion limit (dust) /g.m <sup>-3</sup> :	32
• oxidizing properties:	none
• vapor pressure at 20°C:	not defined
• density /kg.m <sup>3</sup> :	900- 910
• water solubility at 20°C /g.l <sup>-1</sup> :	insoluble
• partitioning coefficient n-octanol/water:	not determined
• viscosity at 20°C /mPa.s /:	not defined at specified temperature
• vapor density:	not defined
• evaporation speed:	not defined
<b>9.3. Other information</b>	
• melting point (pellets), /°C/:	133- 165
• ignition temperature (pellets), /°C/:	370-390
• ignition temperature (settled dust of the polymer), /°C/:	350
• minimum ignition energy /J/:	0,08
• combustion heat / MJ.kg <sup>-1</sup> :	45
• bulk density (pellets), /kg.m <sup>-3</sup> :	470-600
10. STABILITY AND REACTIVITY	
<b>10.1. Conditions to avoid</b>	
The substance alone is stable at normal temperatures. Avoid heating over 300°C. Keep away from the sources of ignition and electrostatic discharges.	
<b>10.2. Materials to avoid</b>	
Chlorine, fluorine, strong oxidizing agents.	
<b>10.3. Hazardous decomposition products</b>	
Decomposition under the higher temperatures in the air atmosphere may produce CO, CO <sub>2</sub> and H <sub>2</sub> O.	
11. TOXICOLOGICAL INFORMATION	
<b>11.1. Acute adverse effects on human health</b>	
According to current state of expert knowledge this substance is not considered as hazardous for human and has no adverse effects on human health. Acute animal toxicity LD <sub>50</sub> intraperitoneal – rat > 110 000 mg.kg <sup>-1</sup> LD <sub>50</sub> intravenous - rat > 99 000 mg.kg <sup>-1</sup>	
<b>11.2. Sensitization</b>	
The substance has no known sensitization effects	
<b>11.3. Repeated dose toxicity</b>	
not determined	
<b>11.4. CMR effects (carcinogenicity, mutagenicity, reproduction toxicity)</b>	
The substance has no known CMR effects.	
12. ECOLOGICAL INFORMATION	
<b>12.1. Ecotoxicity</b>	
not determined	
<b>12.2. Mobility</b>	
not determined	
<b>12.3. Persistence and degradability</b>	
This substance has no harmful effects in the environment. It is a foreign substance in the environment with very slow degradation. The degradation is mainly caused by UV irradiation. The substance is insoluble in the water.	

**12.4. Bioaccumulative potential**

not determined

**12.5. Results of PBT assessment**

not determined

**12.5. Other adverse effects**

The product is not considered as harmful or dangerous material.

**13. DISPOSAL CONSIDERATIONS****13.1 Recommended methods for the product disposal**

In case of accidental spillage of the product (pellets of polymer) avoid product entering the canalization system, as it may cause mechanical blockage of the canalization system. Sweep mechanically and transport for further processing, recycling, or dispose in compliance with the relevant waste management legislation.

In all other cases use in compliance with the relevant waste management legislation.

**13.2 Recommended methods for the disposal**

energetic waste utilization, material waste utilization

**13.3. Relevant waste management legislation**

Compliance with European Parliament regulations is mandatory.

**14. TRANSPORT INFORMATION****14.1. Transport classification**

The substance is not classified as dangerous according to relevant transport regulations.

**14.2. Specific precaution measures for the transport**

not stated

**15. REGULATORY INFORMATION****15.1. Chemical Safety Assessment**

not determined

**15.2. Package labeling**

Not needed (the substance is not classified as dangerous according to the Act of National Council of HR No. 98/2001 Coll. and the Directive 67/548/EEC), and Regulation (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL.

**15.3. Other applicable legislation, regulations, and directives**

European Union: Regulation No. 1907/2006 of the European Parliament and of the Council (EC) concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency,

**16. OTHER INFORMATION**

Indication of changes:

Revision

Modification	Letterhead	Date of issue updated
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Access to information:

According to the Article 35, Regulation EP and EC NO. 1907/2006, workers and their representatives shall be granted access by their employer to the information provided in the safety data sheet in relation for this preparation that they use or may be exposed to in the course of their work.

*This material safety data sheet was prepared according to the Regulation (EC) No. 1907/2006 of the European Parliament and of the Council. It contains information important for the health and safety of the user and for the protection of the environment. This information does not replace qualitative specifications and should not be considered as a warranty of suitability and applicability of this product for any specific application. The above mentioned information is based on our current level of knowledge and is in compliance with our legislative regulations. The consumer is responsible for the adherence to the relevant regional legislative regulations.*

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

**Product name:** EVICOM IR 69 (ALL COLORUS)

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

**Use of substance / mixture:** PC32: Polymer preparations and compounds.

### 1.3. Details of the supplier of the safety data sheet

**Company name:** INEOS Compounds Switzerland AG

Industrie Nord 2

CH-5643 Sins

Switzerland

**Tel:** +41-41-7898 200

**Fax:** +41-41-7898 234

**Email:** msds.sins@ineos.com

### 1.4. Emergency telephone number

**Emergency tel:** +41-41-7898 200

(office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Aquatic Chronic 3: H412; Repr. 1B: H360D

**Most important adverse effects:** May damage the unborn child. Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

**Label elements:** This product has no label elements.

### 2.3. Other hazards

**Other hazards:** All hazardous ingredients are encapsulated within a polymer such that they present no danger in normal use.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

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**Hazardous ingredients:**

2-ETHYLHEXYL 10-ETHYL-4,4-DIOCTYL-7-OXO-8-OXA-3,5-DITHIA-4-STANNATETRADECANOATE - REACH  
registered number(s): 01-2119486133-40

EINECS	CAS	PBT / WEL	CLP Classification	Percent
239-622-4	15571-58-1	-	Repr. 1B: H360D	1-10%

2-ETHYLHEXYL 10-ETHYL-4-[[2-[(2-ETHYLHEXYL)OXY]-2-OXOETHYL]THIO]-4-OCTYL-7-OXO-8-OXA-3,5-DITHIA-4-STANNATETRADECANOATE - REACH registered number(s): 01-2119498296-22-XXXX

248-227-6	27107-89-7	-	Aquatic Chronic 4: H413; Skin Sens. 1B: H317	<1%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes.

**Ingestion:** Wash out mouth with water.

**Inhalation:** Consult a doctor.

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

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

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

**Immediate / special treatment:** Not applicable.

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** In combustion emits toxic fumes.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

**Section 6: Accidental release measures**

[cont...]

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**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions:** Refer to section 8 of SDS for personal protection details.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Transfer to a suitable container.

**6.4. Reference to other sections**

**Reference to other sections:** Refer to section 8 of SDS.

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Avoid the formation or spread of dust in the air.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in a cool, well ventilated area.

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

**Specific end use(s):** No data available.

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protective device with particle filter.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

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

**State:** Solid

**Colour:** Various

**Odour:** Characteristic odour

**Relative density:** > 1

[cont...]

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**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity:** Stable under recommended transport or storage conditions.

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

**10.4. Conditions to avoid**

**Conditions to avoid:** Heat.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong acids.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Relevant hazards for product:**

Hazard	Route	Basis
Reproductive toxicity	--	Hazardous: calculated

**Excluded hazards for substance:**

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	-	No hazard: calculated
Acute toxicity (ac. tox. 3)	-	No hazard: calculated
Acute toxicity (ac. tox. 2)	-	No hazard: calculated
Acute toxicity (ac. tox. 1)	-	No hazard: calculated
Skin corrosion/irritation	-	No hazard: calculated
Serious eye damage/irritation	-	No hazard: calculated
Respiratory/skin sensitisation	-	No hazard: calculated
Germ cell mutagenicity	-	No hazard: calculated

[cont...]

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Carcinogenicity	-	No hazard: calculated
STOT-single exposure	-	No hazard: calculated
STOT-repeated exposure	-	No hazard: calculated
Aspiration hazard	-	No hazard: calculated

**Symptoms / routes of exposure**

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Delayed effects can be expected after long-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** Biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Negligible ecotoxicity.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

[cont...]

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

**Specific regulations:** Contains a substance on the REACH candidate list in concentration  $\geq 0.1\%$  or with a lower specific limit

**15.2. Chemical Safety Assessment**

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**Section 16: Other information**

**Other information**

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H360D: May damage the unborn child.

H412: Harmful to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

