

SECTION 1: IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND THE COMPANY

1.1 Product Identifier

Product Name: Polycote Slip Grip

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

Identified Use(s): Waterproofing

Uses Advised Against: No further relevant information available.

1.3 Details of the supplier of the safety data sheet

Company Name: Polycote UK LLP
Centre Point
Wolseley Road
Woburn Road Industrial Estate
Kempston

Telephone Number: 01234 846400

Emergency Contact Number: 111 (NHS England)

Email address: uksales@polycote.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 2 H225 Highly flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:



Signal word:

Danger

Hazard-determining components of labelling:

Methyl methacrylate
n-butyl methacrylate
2-ethylhexyl acrylate

Hazard statements:

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

Hazard description:

Flammable

2.3 Other hazards:

Results of PBT and vPvB assessment:

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Mixtures:

Description: Mixture of substances listed below with non-hazardous additions. For further information, please refer to the product technical data sheet.

Dangerous components:		
CAS: 14464-46-1 EINECS: 238-455-4	crystalite substance with a Community workplace exposure limit	30-<50%
CAS: 80-62-6 EINECS: 201-297-1 Index number: 607-035-00-6 Reg.nr.: 01-2119452498-28-XXXX	Methyl methacrylate Flam. Liq. 2, H225 Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	5-<10%
CAS: 97-88-1 EINECS: 202-615-1 Index number: 607-033-00-5 Reg.nr.: 01-2119486394-28-XXXX	n-butyl methacrylate Flam. Liq. 3, H226 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335	5-<10%

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS (continue)

Dangerous components:		
CAS: 103-11-7 EINECS: 203-080-7 Index number: 607-107-00-7 Reg.nr.: 01-2119453158-37-XXXX	2-ethylhexyl acrylate Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	3-<5%
CAS: 28553-12-0 EINECS: 249-079-5 Reg.nr.: 01-2119430798-28-XXXX	di-"isononyl" phthalate substance with a Community workplace exposure limit	1-<3%
CAS: 38668-48-3 EINECS: 254-075-1 Reg.nr.: 01-2119980937-17-XXXX	1,1'-(p-tolylimino)dipropen-2-ol Acute Tox. 2, H300 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	0.1-<0.3%

SECTION 4: FIRST-AID MEASURES

4.1 Description of first aid measures:

General information: Get medical advice/attention if you feel unwell.
By inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
By skin contact: Wash with plenty of soap and water.
By eye contact: Rinse cautiously with water for several minutes.
By ingestion/aspiration: Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

May cause sensitisation by skin contact.

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

No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media: CO2, extinguishing powder or water spray. Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water jet.

5.2 Special hazards arising from the substance or mixture: No further relevant information available.

5.3 Advice for firefighters:

Protective equipment: Wear self-contained respiratory protective device.

Additional information: Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation.
Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions: Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up: Send for recovery or disposal in suitable receptacles.

6.4 Reference to other sections: See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling: Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums.
Do not eat, drink or smoke when using this product.
Store in a well-ventilated place. Keep container tightly closed.
Keep only in original packaging.
Use only outdoors or in a well-ventilated area.

Information about fire - and explosion protection: Use explosion-proof apparatus / fittings and spark-proof tools.
Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air).
Keep ignition sources away - Do not smoke.



Protect against electrostatic charges.
Ground and bond container and receiving equipment.

SECTION 7: HANDLING AND STORAGE (continue)

7.2 Conditions for safe storage, including any Incompatibilities:	
Storage:	<p>Requirements to be met by storerooms and receptacles: Store in a cool location.</p> <p>Further information about storage conditions: Keep container tightly sealed. Protect from frost. Store in a dry place. Keep cool.</p>
7.3 Specific end use(s)	No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:	
Ingredients with limit values that require monitoring at the workplace:	
14464-46-1 cristobalite	
OEL	Long-term value: 0.3 mg/m ³
80-62-6 Methyl methacrylate	
WEL	Short-term value: 416 mg/m ³ , 100 ppm Long-term value: 208 mg/m ³ , 50 ppm
28553-12-0 di-"isononyl" phthalate	
WEL	Long-term value: 5 mg/m ³
PNECs:	
80-62-6 Methyl methacrylate	
PNEC freshwater	0.94 mg/l
PNEC marine water	0.094 mg/l
PNEC soil	1.47 mg/kg
97-88-1 n-butyl methacrylate	
PNEC freshwater	0.17 mg/l

Additional information:
Based on the lists valid at the date of SDS creation.

8.2 Exposure controls:
Appropriate engineering controls
No further data; see item 7.

Individual protection measures, such as personal protective equipment
General protective and hygienic measures:
The usual precautionary measures are to be adhered to when handling chemicals.

Respiratory protection:
Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.
If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).
EN 143.

Hand protection:
Protective gloves.
EN 374.

Material of gloves:
Rubber gloves.

Penetration time of glove material:
The exact breakthrough time has to be determined by the manufacturer of the protective gloves and has to be observed.

Eye/face protection:

Safety glasses with side shield protection.
EN 166.

Body protection:
Use personal protective equipment as required.
Take off contaminated clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General Information

Physical state:	Liquid
Colour:	Black
Odour:	Characteristic
Odour threshold:	Not determined
Melting point/freezing point:	Undetermined
Boiling point or initial boiling point and boiling range:	~100 °C
Flammability	Not applicable
Flammability Limits:	
Lower and upper explosion limit	
Lower:	2 Vol %
Upper:	13 Vol %
Flash point:	~17 °C
Method:	
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
pH at 20 °C	Not determined
VISCOSITY	
Kinematic viscosity:	Not determined
Dynamic:	Not determined
Solubility	
Water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined
Vapour pressure:	Not determined
Density and/or relative density	
Density:	Not determined
Relative density:	~1.6
Vapour density:	Not determined
Particle characteristics:	Not applicable

9.2 Other information

Appearance:

Form: Liquid

Important information on protection of health and environment, and on safety:

Ignition temperature: ~430 °C

Explosive properties: In use, may form flammable/explosive vapour-air mixture.

Change in conditions:

Evaporation rate: Not determined

Molecular weight: Not determined

Information with regard to physical hazard classes

Explosives:	Not applicable
Flammable gases:	Not classified
Aerosols:	Not classified
Oxidising gases:	Not classified
Gases under pressure:	Not classified
Flammable liquids:	Highly flammable liquid and vapour
Flammable solids:	Not classified
Self-reactive substances and mixtures:	Not classified
Pyrophoric liquids:	Not classified
Pyrophoric solids:	Not classified
Self-heating substances and mixtures:	Not classified

Substances and mixtures, which emit flammable gases in

contact with water:	Not classified
Oxidising liquids:	Not classified
Oxidising solids:	Not classified
Organic peroxides:	Not classified
Corrosive to metals:	Not classified
Desensitised explosives:	Not classified


SECTION 10: STABILITY AND REACTIVITY


10.1 Reactivity:	Will exothermically polymerise in the presence of initiators.
10.2 Chemical stability:	Stable in the presence of inhibitor.
Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions:	Susceptible to polymerisation initiated by prolonged storage or the presence of catalyst.
10.4 Conditions to avoid:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

SECTION 10: STABILITY AND REACTIVITY (continue)	
10.5 Incompatible materials:	Polymerisation catalysts, such as peroxy or azo compounds, strong acids, alkalis and oxidising agents. Oxides and salts of transition metals. Organic Nitrogen containing compounds. Cyclohexanone/Cyclohexenol tautomer.
10.6 Hazardous decomposition products:	Carbon monoxide and carbon dioxide

SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:	
Acute Toxicity:	Based on available data, the classification criteria are not met LD/LC50 values relevant for classification: 97-88-1 n-butyl methacrylate Dermal LD50 22600 mg/kg (rat) Dermal LD50 11300 mg/kg (rabbit) Inhalative LC50, 4h 4910 mg/l (rat) 38668-48-3 1,1'-(p-tolylimino)dipropen-2-ol Oral LD50 25 mg/kg (rat)
Skin corrosion/irritation:	Causes skin irritation.
Serious eye damage/irritation:	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation:	May cause an allergic skin reaction.
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met
STOT-single exposure:	Based on available data, the classification criteria are not met.
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.
11.2 Information on other hazards	Endocrine disrupting properties None of the ingredients is listed.

SECTION 12: ECOLOGICAL INFORMATION	
12.1 Toxicity	Aquatic Toxicity: No further relevant information available.
12.2 Persistence and Degradation	No further relevant information available
12.3 Bioaccumulative potential	No further relevant information available
12.4 Mobility in soil	No further relevant information available
12.5 Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
12.6 Endocrine disrupting properties	The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects:	
Additional Ecological Information	General notes: Not known to be hazardous to water.

SECTION 13: DISPOSAL CONSIDERATIONS	
13.1 Waste treatment methods:	 Recommendation: Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned Packaging:	Recommendation: Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION	
14.1 UN number or ID number: (ADR, IMDG, IATA)	UN1866
14.2 UN proper shipping name: (ADR, IMDG, IATA)	RESIN SOLUTION
14.3 Transport Hazard Class(es): (ADR, IMDG, IATA)	
Class	3 Flammable liquids
Label	3
14.4 Packing Group: (ADR, IMDG, IATA)	II
14.5 Environmental hazards	Not applicable

SECTION 14: TRANSPORT INFORMATION (continue)

14.6	Special precautions for user	Warning: Flammable liquids
	Hazard identification number (Kemler code):	30
	EMS Number:	F-E,S-E
	Stowage Category:	B
14.7	Maritime transport in bulk according to IMO instruments:	Not Regulated
	Transport/Additional information:	
	ADR	
	Limited quantities (LQ):	5L
	Excepted quantities (EQ):	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
	Transport category:	2
	Tunnel restriction code	D/E
	IMDG	
	Limited quantities (LQ):	5L
	Excepted quantities (EQ):	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

SECTION 15: REGULATORY INFORMATION

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

See Section 2 for hazard identification.

Directive 2012/18/EU

Named dangerous substances - ANNEX I: None of the ingredients is listed.

Seveso category: P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements: 5000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements: 50000 t

REGULATION (EC) No 1907/2006 ANNEX XVII: Conditions of restriction: 3, 52a

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II:

None of the ingredients is listed.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases:

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H300 Fatal if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at UK, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.