

MATERIAL SAFETY DATA SHEET

438 1200A

Suregrip™ EP Part A



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

Product Name: **SUREGRIP EP – PART A**
 Company Name: Polycote UK
 Centre Point • Wolseley Road
 Woburn Road Industrial Estate
 Kempston • Beds MK42 7EF
 Telephone Number: 01234 846400

SECTION 2: HAZARDS IDENTIFICATION

Classification under CLP:

Aquatic Chronic 2: H411; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317.

Most important adverse effects:

Irritating to eyes and skin. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard pictograms:



Signal word: Warning

Hazard statements: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

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

P302+352: IF ON SKIN: Wash with plenty of water.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see instructions on this label).

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:

EINECS	CAS No:	Classification	Percent
BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT}			
500-033-5	25068-38-6	Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	30 - 50%
PHENOL FORMALDEHYDE POLYMER GLYCIDYL ETHER			
500-006-8	9003-36-5	Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411	10 - 30%
OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES			
271-846-8	68609-97-2	Skin Irrit. 2: H315; Skin Sens. 1: H317	1 - 10%

SECTION 4: FIRST AID MEASURES

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: No symptoms.

Delayed / immediate effects:

Delayed effects can be expected after short-term exposure.

Immediate / special treatment:

Eye bathing equipment should be available on the premises.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Methods for cleaning up: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

SECTION 7: HANDLING AND STORAGE

Handling: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

Storage: Store in a cool, well ventilated area. Keep container tightly closed.

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Workplace exposure limits: No data available.

DNEL / PNEC: No data available.

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

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

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

Skin protection: Protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Liquid
 Colour: Grey
 Odour: Characteristic odour
 Solubility in water: Insoluble
 Viscosity: Viscous
 Boiling point: >35°C
 Flash point: >93°C
 Relative density: 1.44 - 1.46 g/cm³
 VOC (Volatile organic compounds): 131.5 g/l

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.
 Chemical stability: Stable under normal conditions.
 Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
 Conditions to avoid: Heat.
 Materials to avoid: Strong bases. Strong oxidising agents. Amines.
 Haz. decomp. products: In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION**Hazardous ingredients:**

Route	Species	Test	Value	Units
BISPHENOL A-(EPICHLORHYDRIN) (REACTION PRODUCT)				
ORL	MUS	LD50	15600	mg/kg
ORL	RAT	LD50	11400	mg/kg
SKN	RBT	LD50	>20	ml/kg
OXIRANE, MONO[(C12-14ALKYLOXY)METHYL] DERIVATIVES				
ORL	RAT	LD50	17100	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure:

Skin contact: There may be irritation and redness at the site of contact.
 Eye contact: There may be irritation and redness.
 Ingestion: There may be soreness and redness of the mouth and throat.
 Inhalation: No symptoms.
 Delayed / immediate effects: Delayed effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity values: No details available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility: No data available.
PBT identification: This product is not identified as a PBT/vPvB substance.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
 Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
 NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN3082
 UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
 Transport hazard class: 9
 Packing group: III
 Environmental hazard: Yes
 Marine pollutant: No
 Tunnel category: E
 Transport category: 3

SECTION 15: REGULATORY INFORMATION

No information available.

SECTION 16: OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used

in s.2 and s.3: H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H411: Toxic to aquatic life with long lasting effects.

All the foregoing information should be regarded as being applicable to the uncured mixed product as well as to the individual components. This material may form part of a multi component pack, and is supplied in the correct proportions for that pack. Please check all of the product labels to ensure that the correct components and pack sizes are being used. Select and use appropriate pack sizes to minimise waste and operator exposure, do not split packs. Use in batch order.

The Safety Data above is applicable to the product only as used according to the purposes and methods described on the relevant Technical Data Sheet, available from Polycote UK on request. The information above is based on our present knowledge and is believed to be correct but does not purport to be all inclusive and should only be used as a guide. No warranty is implied with respect to the specification of the product. It is intended to describe the product solely in terms of its safety requirements and relates only to the specific material designed and may not be valid for such material used in combination with any other materials or in any process.

This data does not constitute the users own assessment of workplace risk as required by other Health and Safety legislation, nor is it a sales specification or indication of suitability for any particular use. The user must satisfy himself as to the suitability of the product for his purpose. No legally valid contractual relationship is established by the above data, and Polycote UK shall not be held liable for any damage resulting from handling or from contact with the above product.

Date of Issue: June 2017

Polycote UK

Centre Point • Wolsley Road • Woburn Road Industrial Estate
 Kempston • Beds • MK42 7EF
 Technical Helpline: 01234 846400

MATERIAL SAFETY DATA SHEET

438 1200B

Suregrip™ EP Part B

"maintenance made easy"

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

Product Name: **SUREGRIP EP – PART B**
 Company Name: Polycote UK
 Centre Point • Wolsley Road
 Woburn Road Industrial Estate
 Kempston • Beds MK42 7EF
 Telephone Number: 01234 846400

SECTION 2: HAZARDS IDENTIFICATION**Classification under CLP:**

Acute Tox. 4: H302; Aquatic Chronic 3: H412; Repr. 2: H361f; Skin Corr. 1B: H314; Skin Sens. 1: H317.

Most important adverse effects:

Harmful by inhalation, in contact with skin and if swallowed. Causes burns. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Possible risk of impaired fertility.

Hazard pictograms:

Signal word: **Danger**

Hazard statements: H302: Harmful if swallowed.
 H314: Causes severe skin burns and eye damage.
 H317: May cause an allergic skin reaction.
 H361f: Suspected of damaging fertility.
 H412: Harmful to aquatic life with long lasting effects.

Precautionary statements:

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P301+312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P302+352: IF ON SKIN: Wash with plenty of water.
 P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**Chemical Name:**

EINECS	CAS No:	Classification	Percent
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE			
220-666-8	2855-13-2	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Chronic 3: H412	30 - 50%
BENZYL ALCOHOL			
202-859-9	100-51-6	Acute Tox. 4: H332; Acute Tox. 4: H302	30 - 50%
4,4'-ISOPROPYLIDENEDIPHENOL			
201-245-8	80-05-7	Repr. 2: H361f; STOT SE 3: H335; Eye Dam. 1: H318; Skin Sens. 1: H317	1 - 10%
BENZENE-1,3-DIMETHANAMINE			
216-032-5	1477-55-0	Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 3: H412	1 - 10%
SALICYLIC ACID			
200-712-3	69-72-7	Acute Tox. 4: H302; Eye Dam. 1: H318	1 - 10%

SECTION 4: FIRST AID MEASURES

Skin contact: Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

Inhalation: May cause respiratory tract burns.

Delayed / immediate effects:

Delayed effects can be expected after short-term exposure.

Immediate / special treatment:

Eye bathing equipment should be available on the premises.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

Exposure hazards: In combustion emits toxic fumes.

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Methods for cleaning up: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

SECTION 7: HANDLING AND STORAGE

Handling: Ensure there is sufficient ventilation of the area.

Storage: Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

Polycote Suregrip EP – Part B Cont.

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SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Hazardous ingredients:

4,4'-ISOPROPYLIDENEDIPHENOL

Workplace exposure limits:		Respirable dust		
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m ³	5 mg/m ³	–	–

DNEL/PNEC Values: No data available.

Engineering measures: Ensure there is sufficient ventilation of the area.
 Respiratory protection: Respiratory protection not required..
 Hand protection: Nitrile gloves.
 Eye protection: Safety glasses. Ensure eye bath is to hand.
 Skin protection: Protective clothing.
 Environmental: Prevent from entering in public sewers or the immediate environment.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Liquid
 Colour: Colourless
 Odour: Amine-like
 Viscosity: Non-viscous
 Solubility in water: Insoluble
 Boiling point: >35°C
 Flash point: >93°C
 Relative density: 1.05 g/cm³
 VOC: 193 g/l

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable under recommended transport or storage conditions.
 Chemical stability: Stable under normal conditions.
 Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
 Conditions to avoid: Heat.
 Materials to avoid: Reducing agents. Amines. Bases. Oxidising agents.
 Haz. decomp. products: In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

Hazardous ingredients:

BENZYL ALCOHOL

IVN	RAT	LD50	53 mg/kg
ORL	MUS	LD50	1360 mg/kg
ORL	RAT	LD50	1230 mg/kg

4,4'-ISOPROPYLIDENEDIPHENOL

ORL	MUS	LD50	2400 mg/kg
ORL	RAT	LD50	3250 mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM ING	Hazardous: calculated
Corrosivity	OPT INH DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated
Toxicity for reproduction	–	Hazardous: calculated

Symptoms / routes of exposure:

Skin contact: There may be irritation and redness at the site of contact.
 Eye contact: There may be irritation and redness.
 Ingestion: There may be soreness and redness of the mouth and throat.
 Inhalation: May cause respiratory tract burns.
 Delayed / immediate effects: Delayed effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity values: No data available.
 Bioaccumulative potential: No data available.
 Mobility: No data available.
 PBT identification: This product is not identified as a PBT/vPvB substance.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.
 Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
 NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN2735
 UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S.
 Transport hazard class: 8
 Packing group: II
 Environmental hazard: No
 Marine pollutant: No
 Tunnel category: E
 Transport category: 2

SECTION 15: REGULATORY INFORMATION

No information available.

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POLYCOTE®
 "maintenance made easy"

SECTION 16: OTHER INFORMATION

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used

in s.2 and s.3: H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H361f: Suspected of damaging fertility.
H412: Harmful to aquatic life with long lasting effects.

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