

Suregrip EP XFH – Part A



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

Product Name: **SUREGRIP EP XFH – 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:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Toxic to aquatic life with long lasting effects.

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.

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.

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

Packaging: Must only be kept in original packaging.

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

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Workplace exposure limits: 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
 Boiling point: <35°C
 Flash point: >93°C
 Relative density: 1.44 - 1.46 g/cm³
 Solubility: Insoluble
 Viscosity: Viscous
 VOC (Volatile organic compounds): 1.5 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:**

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 hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin 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 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**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

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MATERIAL SAFETY DATA SHEET

438 1300B

Suregrip EP XFH – Part B


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

Product Name: **SUREGRIP EP XFH – PART B**
 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:

Acute Tox. 4: H302+332; Repr. 2: H361f; Skin Corr. 1A: H314; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 3: H412; Aquatic Chronic 1: H410

Most important adverse effects:

Harmful if swallowed or if inhaled. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of damaging fertility. Very toxic to aquatic life with long lasting effects.

Hazard pictograms:


Signal word: Danger

Hazard statements: H302+332: Harmful if swallowed or if inhaled.
 H314: Causes severe skin burns and eye damage.
 H317: May cause an allergic skin reaction.
 H361f: Suspected of damaging fertility..
 H410: Very toxic 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+330+331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 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
4-TERT-BUTYLPHENOL 202-679-0	98-54-4	Repr. 2: H361f; Skin Irrit. 2: H315; Eye Dam. 1: H318	30 - 50%
POLYOXYPROPYLEN DIAMINE 247-134-8	25620-58-0	Acute Tox. 4: H302; Skin Corr. 1A: H314; Skin Sens. 1: H317; Aquatic Chronic 3: H412	10 - 30%
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	10 - 30%
4-NONYLPHENOL, BRANCHED 284-325-5	84852-15-3	Repr. 2: H361fd; Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	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. Consult a doctor.
 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. Consult a doctor.

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 irritation in the respiratory tract.
 Delayed / immediate effects: Delayed effects can be expected after short-term exposure.
 Immediate / special treatment: Show this safety data sheet to the doctor in attendance. 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.
 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.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.
 Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).
 Hand protection: Nitrile gloves.
 Eye protection: Safety goggles.
 Skin protection: Protective clothing.
 Environmental: Prevent from entering in public sewers or the immediate environment.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State:	Liquid
Colour:	Amber
Odour:	Fishy
Flash point:	>93°C
Boiling point:	230°C
Relative density:	0.974
Viscosity:	Non-viscous
Vapour pressure:	>10.34 mmHg
pH:	>11.5

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
4-TERT-BUTYLPHENOL				
ORAL	RAT	LD50	>2000	mg/kg
VAPOURS	RAT	LDLO	5.6	mg/l
POLYOXYPROPYLEN DIAMINE				
ORAL	RAT	LD50	910	mg/kg
4-NONYLPHENOL, BRANCHED				
ORL	RAT	LD50	1300	mg/kg
SKN	RBT	LDLO	3160	mg/kg

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH ING	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
Reproductive toxicity	–	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 irritation in the respiratory tract.
Delayed / immediate effects:	Delayed effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION**Toxicity****Hazardous ingredients:**

4-TERT-BUTYLPHENOL			
ALGAE	72H IC50	11.2	mg/l
Daphnia magna	48H EC50	4.8	mg/l
POLYOXYPROPYLEN DIAMINE			
Daphnia magna	48H EC50	31.5	mg/l
FISH	96H LC50	172	mg/l
GREEN ALGA (Selenastrum capricornutum)	72H ErC50	29.5	mg/l

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:	I
Environmental hazard:	Yes
Marine pollutant:	No
Tunnel category:	E
Transport category:	1

SECTION 15: REGULATORY INFORMATION

No information available.

Polycote UK

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Technical Helpline: 01234 846400

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.
 H302+332: Harmful if swallowed or if inhaled.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H318: Causes serious eye damage.
 H332: Harmful if inhaled.
 H361f: Suspected of damaging fertility.
 H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.
 H410: Very toxic to aquatic life with long lasting effects.
 H412: Harmful 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.

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