

MATERIAL SAFETY DATA SHEET

310 0500A

Flortex UVR – Part A



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

Product Name: **FLORTEX UVR – 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 3: H412; Skin Sens. 1: H317.

Most important adverse effects:

May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects.

Hazard pictograms:



Signal word: Warning

Hazard statements: H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

Precautionary statements:

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

P273: Avoid release to the environment.

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

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

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

P333+313: If skin irritation or rash occurs: Get medical attention.

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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:

EINECS	CAS No:	Classification	Percent	
1,6-HEXANEDIYL-BIS(2-(2-(1-ETHYLPENTYL)-3-OXAZOLIDINYL)ETHYL)CARBAMATE	411-700-4	140921-24-0	Skin Sens. 1: H317	10 - 30%
LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.	265-199-0	64742-95-6	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	1 - 10%
4-MORPHOLINECARBALDEHYDE	224-518-3	4394-85-8	Skin Sens. 1: H317	<1%

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: Pale yellow
 Odour: Perceptible odour
 Boiling point: >35°C
 Flash point: >93°C
 Relative density: 1.01 - 1.04 g.cm³
 Viscosity: Viscous
 Solubility: Miscible
 VOC (Volatile organic compounds): 50 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:**

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400 mg/kg

Relevant effects for mixture:

Hazard	Route	Basis
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

Not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION

No information available.

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: H226: Flammable liquid and vapour.
 H304: May be fatal if swallowed and enters airways.
 H317: May cause an allergic skin reaction.
 H335: May cause respiratory irritation.
 H411: 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.

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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 Kempston • Beds • MK42 7EF
 Technical Helpline: 01234 846400

MATERIAL SAFETY DATA SHEET

310 0500B

Flortex UVR – Part B



"maintenance made easy"

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

Product Name: **FLORTEX UVR – 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:

STOT SE 3: H335; Acute Tox. 4: H332; Skin Sens. 1: H317

Most important adverse effects:

May cause an allergic skin reaction. Harmful if inhaled. May cause respiratory irritation.

Hazard pictograms:



Signal word: Warning

Hazard statements: H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

Precautionary statements:

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

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

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

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTRE/doctor if you feel unwell.

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
HEXAMETHYLENE-1,6-DIISOCYANATE	HOMOPOLYMER		
931-274-8	28182-81-2	Skin Sens. 1: H317; Acute Tox. 4: H332; STOT SE 3: H335	>90%
HEXAMETHYLENE-DIISOCYANATE			
212-485-8	822-06-0	Acute Tox. 3: H331; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Resp. Sens. 1: H334; Skin Sens. 1: H317	<1%

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 mild irritation 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.

Specific end use(s): No special requirement.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Hazardous ingredients:

HEXAMETHYLENE-DIISOCYANATE

Workplace exposure limits: Respirable dust

State 8 hour TWA 15 min. STEL 8 hour TWA 15 min. STEL

UK 0.02 mg/m³ 0.07 mg/m³

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

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses.

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:	Characteristic odour
Flash point:	>200°C
Relative density:	1.12 - 1.16 g/cm ³
Viscosity:	Non-viscous
Solubility:	Reacts with water
VOC (Volatile organic compounds):	No data available

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. Flames.
Materials to avoid:	Water. Acids. Oxidising agents.
Haz. decomp. products:	In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION**Hazardous ingredients:****HEXAMETHYLENE-DI-ISOCYANATE**

IVN	MUS	LD50	5600 µg/kg
ORL	MUS	LD50	350 mg/kg
ORL	RAT	LD50	710 µl/kg

Relevant effects for mixture:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: 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 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

Ecotoxicity values:	No data available.
Bioaccumulative potential:	No data available.
Mobility:	Do not let product contaminate sub soil.
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:	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

Non-hazardous for transport purposes.

SECTION 15: REGULATORY INFORMATION

No information available.

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: H315: Causes skin irritation.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H331: Toxic if inhaled.
 H332: Harmful if inhaled.
 H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 H335: May cause respiratory irritation.

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.

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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.

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