Flortex Freeflow - Resin



"maintenance made easv"

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

FLORTEX FREEFLOW - PART A Product Name:

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:

Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2:

H319; Aquatic Chronic 2: H411.

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 eve irritation.

H411: Toxic to aquatic life with long lasting effects.

Precautionary statements:

Avoid breathing dust/fumes/gas/mist/ P261:

vapours/spray.

P264: Wash hands thoroughly after handling.

P272: Contaminated work clothing should not be

allowed out of the workplace.

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. 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

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name: CAS No: Classification EC No: Percent BISPHENOL A-(EPICHLORHYDRIN) {REACTION PRODUCT} 500-033-5 25068-38-6 Eye Irrit. 2: H319; Skin Irrit. 2: 40 - 50% H315; Skin Sens. 1: H317; Aquatic Chronic 2: H411 BENZYL ALCOHOL 202-859-9 100-51-6 Acute Tox. 4: H332: 1 - 10%

Acute Tox. 4: H302

SECTION 4: FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air.

Flush Immediately eye thoroughly with clean water. Consult Eve contact:

a physician immediately if irritation persists.

Remove affected person from source of contamination. Skin contact:

> Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above. Get medical attention if

irritation persists after washing.

DO NOT induce the patient to vomit, medical advice is Ingestion:

required.

Most important symptoms and effects, both acute and delayed

Skin contact: Irritating to skin. Eye contact: Irritating to eyes.

DO NOT INDUCE VOMITING. Ingestion:

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Carbon dioxide (CO2). Foam. Water spray, fog or

mist.

Fire will produce dense black smoke. Exposure hazards:

Advice for firefighters: Wear suitable respiratory equipment when

necessary. Protective equipment.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Isolate area. Keep unnecessary and

unprotected personnel from entering the area. Use appropriate safety equipment.

Prevent from entering into soil, ditches, Environmental precautions:

sewers, waterways and/or groundwater.

Methods for cleaning up: Absorb with inert, absorbent material.

SECTION 7: HANDLING AND STORAGE

Avoid prolonged skin contact. After contact with skin, wash Handling:

immediately with plenty of water and soap.

Storage: Store in original container.

Packaging: Must only be kept in original packaging.

Specific end use(s): No data available.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls:









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

Respiratory protection: Respiratory protection not required.

Skin/Hand protection: Wear suitable gloves.

Eye protection: Safety glasses with side-shields. Skin protection (other): Wear suitable protective clothing.

Polycote Flortex Freeflow - Resin Cont.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Liquid Colour: Various Odour: Mild VOC (Volatile organic

compounds): No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical stability: This product is stable if stored and handled as

prescribed/indicated.

Hazardous reactions: No data is available on this product.

Conditions to avoid: Avoid temperatures above 300°C. Potentially

violent decomposition can occur above 350°C. Generation of gas during decomposition can cause pressure in closed systems. Pressure

build-up can be rapid.

Materials to avoid: Acids. Bases. Oxidising agents. Haz. decomp. products: No data is available on this product.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological effects: No data is available on this product.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity values: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations:

This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

SECTION 14: TRANSPORT INFORMATION

UN3082 **UN Number:**

UN proper shipping name: **ENVIRONMENTALLY HAZARDOUS**

SUBSTANCE, LIQUID, N.O.S.

Transport hazard class: Packing group: Ш Environmental hazard: Yes Marine pollutant: Yes Hazard ID: 90 Tunnel category: EmS Code: FA-SF Packin Instruction (cargo): 964 Mazimum quantity: 450 L Packing Instruction

964 (passenger):

450 L Maximum quantity:

SECTION 15: **REGULATORY INFORMATION**

"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

"REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

SECTION 16: OTHER INFORMATION

Hazard statements

in s.2 and s.3: H302: Harmful if swallowed.

H332: Harmful if inhaled. 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.

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 • Wolseley Road • Woburn Road Industrial Estate

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



Flortex Freeflow - Hardener



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

FLORTEX FREEFLOW - PART B Product Name:

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 - EC 1272/2008:

Acute Tox. 4: H302; Skin Corr. 1B: H314; Skin Sens. 1: H317; Acute Tox. 4: H332; Aquatic Chronic 3: H412

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.

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.

H332: Harmful if inhaled.

H412: Harmful to aquatic life with long lasting

effects.

Precautionary statements:

P260: Do not breathe dust/fumes/gas/mist/

vapours/spray.

P261: Avoid breathing dust/fume/gas/mist/

vapours/spray.

P264: Wash thoroughly after handling.

P270: Do no eat, drink or smoke when using this

P271: Use only outdoors or in a well-ventilated area. P272: Contaminated work clothing should not be

allowed out of the workplace.

P273: Avoid release to the environment.

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. P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call a POISON CENTRE/doctor.

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

P321: Specific treatment (see on this label).

P330: Rinse mouth.

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

P363: Wash contaminated clothing before reuse.

P405: Store locked up.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name

Officialical Name.				
EC No:	CAS No:	Classification	Percent	
BENZYL ALCOHOL				
202-859-9	100-51-6	Acute Tox. 4: H332;	30 - 40%	
		Acute Tox. 4: H302		
3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE				
220-666-8	2855-13-2	Acute Tox. 4: H312; Acute Tox. 4:	20 - 30%	
		H302; Skin Corr. 1B: H314; Skin Sens.		
	1: H317; Aquatic Chronic 3: H412			

SECTION 4: FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air.

Rinse immediately with plenty of water for 15 minutes Eve contact:

holding the eyelids open.

Skin contact: In the event of skin contact, wipe off mechanically and wash

affected areas thoroughly with soap and water.

Ingestion: Drink copious amounts of water and provide fresh air.

Instantly call for doctor.

Most important symptoms and effects, both acute and delayed

Seek medical attention if irritation or symptoms persist. Inhalation:

Eye contact: Irritating to eyes. Skin contact: Irritating to skin.

Ingestion: Immediate medical attention is required.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Carbon dioxide (CO2). Extinguishing media. Water

Formation of toxic gases is possible during Exposure hazards:

heating or in case of fire.

Advice for firefighters: Special protective equipment. Wear self-contained

breathing apparatus and chemical-protective

clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear suitable protective clothing.

Environmental precautions: Do not allow runoff water to enter sewers or

drains. Do not let product contaminate

subsoil.

Methods for cleaning up: Absorb into sand.

SECTION 7: HANDLING AND STORAGE

Handling: The usual precautionary measures for handling chemicals

must be observed. Ensure good ventilation/exhaustion at

the workplace.

Store in original container. Storage:

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure controls:









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

Eye protection: Safety glasses with side-shields.

Skin/Hand protection: Wear suitable gloves. Skin protection (other): Wear suitable clothing.

Polycote Flortex Freeflow – Hardener Cont.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Liquid Colour: Yellowish Odour: Amine VOC (Volatile organic

compounds): No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data is available on this product.

Chemical stability: This product is stable if stored and handled as

prescribed/indicated.

Hazardous reactions: No data is available on this product.

Conditions to avoid: No decomposition if used according to

specifications.

Materials to avoid: Strong oxidising agents.

Haz. decomp. products: No data is available on this product.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological effects: No data is available on this product.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data available. Bioaccumulative potential: No data available. Mobility: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations:

This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

SECTION 14: TRANSPORT INFORMATION

UN Number: **IIN2735**

UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. (Contains isophoronediamine and

1,3-benzenedimathanamine)

Transport hazard class: 8 Packing group: Ш Environmental hazard: No

Marine pollutant: Nο Hazard ID: 80 Tunnel category: (F) F-A S-B EmS Code: Packin Instruction (Cargo): 856 60 I Maximum quantity:

Packing Instruction

852 (Passenger): Maximum quantity: 5 L

SECTION 15: REGULATORY INFORMATION

"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".

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SECTION 16: OTHER INFORMATION

Hazard statements

H302: Harmful if swallowed used in s.3:

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eve damage.

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

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

Centre Point • Wolseley Road • Woburn Road Industrial Estate Kempston · Beds · MK42 7EF

Technical Helpline: 01234 846400



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Flortex Freeflow - Aggregate



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SECTION 1: IDENTIFICATION OF THE SUBSTANCE

OR PREPARATION AND THE COMPANY

Product Name: FLORTEX FREEFLOW - PART C

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 RE 1: H372

Most important adverse effects:

Causes damage to organs through prolonged or

repeated exposure.

Hazard pictograms:



Signal word: Danger Precautionary Statements:

P260: Do not breathe dust/fumes/gas/mist/

vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this

product.

P314: Get medical attention if you feel unwell.

P501: Dispose of contents/container to hazardous or

special waste collection point.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name:

EC No:	CAS No:	Classification	Percent
QUARTZ SILICA	SAND		
_	14808-60-7	_	60 - 70%
SILICA FLOUR			
_	14808-60-7	STOT RE 1: H372	30 - 40%

SECTION 4: FIRST AID MEASURES

Skin contact: No data available. Eye contact: No data available. Ingestion: No data available. Inhalation: No data available.

Indication of any immediate medical attention and special treatment

needed

Inhalation: No special first aid measures. Remove to fresh air and consult

a physician.

Eye contact: Wash with copious quantities of water. Skin contact: No special first aid measures necessary.

Ingestion: Non-toxic.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: No data available. Exposure hazards: No data available. Advice for firefighters: No data available.

Other information: Does not burn. No hazardous releases in case of

fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid airbourne dust generation. In case of

exposure to airbourne dust concentrations exceeding regulatory limits, wear a personal respirator in compliance with national

legislation.

Environmental precautions: No special requirements.

Methods for cleaning up: Avoid dry sweeping and use water spraying or

vacuum cleaning systems to prevent airbourne

dust generation.

SECTION 7: HANDLING AND STORAGE

Handling requirements: Avoid airboure generation. Provide apropriate

exhaust ventilation at places where airbourne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment.

Storage conditions: Ensure abatement of dust produced during the

loading of silos. Keep containers closed and store/handle bagged products so as to prevent

accidental bursting.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control parameters: The

The workplce MEL (maximum Exposure Limit) for respirable crystalline silica dust is 0.3 mg/m³ in the UNited KIngdom, measured as an 8 hour TWA (Time Weighted Average). However, the Health and Safety Executive believes it should now be reasonable practicable for all industry sectors to control respirable crystalline silica to 0.1 mg/m³ (8 hour TWA).

Exposure controls:









Provide appropriate local exhaust ventilation in places where dust is generated. Control of occupational exposure may also be achieved by enclosing plant and equipment, by isolating personnel from dusty areas and by ensuring good standards of ventilation in the workplace.

Eye/face protection: Wear safey glasses with side shields or goggles to protect the eyes. In high dusty environments wear

tightly fitting goggles to avoid eye irritation or injury. In case of exposure to airbourne dust

Respiratory protection: In case of exposure to airbourne dust concentrations exceeding regulatory limits, wear a

personal respirator that complies with the requirements of national legislation.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Powder Colour: Off white Odour: Odourless

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No data available.

Chemical stability: Chemically stable, no particular incompatibility.

Hazardous reactions: No data available. Conditions to avoid: No data available. Haz. decomp. products: No data available.

Polycote Flortex Freeflow - Aggregate Cont.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological effects: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity: No data available. Bioaccumulative potential: No data available. Mobility: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations:

Can be landfilled in compliance with local regulations. The material should be buried to prevent dust being picked up by the wind. Where possible, recycling is preferable to disposal. The sunstance has not been included in the EU Waste Catalogue.

SECTION 14: TRANSPORT INFORMATION

Further information:

Classification for transport purposes. Where no specific information is given the material is classed as non hazardous for transport.

SECTION 15: REGULATORY INFORMATION

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SECTION 16: OTHER INFORMATION

Hazard statements

used in s.3: H372: Causes damage to organs through prolonged or repeated exposure.

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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Date of Issue: June 2017



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