

Easiflow VP Grout – Part A



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

Product Name: **EASIFLOW VP GROUT – 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

Health hazards: Acute Tox. 4 – H332- Skin Irrit. 2 – H315; Eye Irrit. 2 – H319

Label elements:



Signal word: Warning

Hazard statements: H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.

Precautionary statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 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.
 P260 Do not breathe fumes.
 P314 Get medical advice/attention if you feel unwell.
 P501 Dispose of contents/container in accordance with national regulations.

Contains: STYRENE unsaturated polyester resin in styrene.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

EC No.	CAS No.	CLP Classification	Percent
STYRENE			
202-851-5	100-42-5	Flam. Liq. 3 _ H226; Skin Irrit. 2 – H315; Eye Irrit. 2 – H319; Acute Tox. 4 – H332	30 - 60%

The full text for all Hazard Statements are displayed in Section 16.

SECTION 4: FIRST AID MEASURES

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion: DO NOT induce vomiting. Get medical attention immediately. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical.

Skin contact: Wash skin thoroughly with soap and water or use an approved skin cleanser. Do not use organic solvents.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Most important symptoms and effects, both acute and delayed

Inhalation: Vapour from this product may be hazardous by inhalation.

Ingestion: Harmful if swallowed.

Skin contact: The product is irritating to eyes and skin.

Eye contact: The product is irritating to eyes and skin.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable Media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards: In case of fire, toxic and corrosive gases may be formed.

Advice for firefighters: Use special protective clothing. Control run-off water by containing and keeping it out of sewers and watercourses.

Special equipment: Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contact with skin, eyes and clothing.

Environmental Precautions: Do not discharge into drains, water courses or onto the ground.

Methods for Cleaning Up: Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely.

SECTION 7: HANDLING AND STORAGE

Usage precautions: Wear protective clothing as described in Section 8 of this safety data sheet.

General hygiene: Wash at the end of each work shift and before eating, smoking and using the toilet.

Storage precautions: Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with oxidising agents. Keep separate from food, feedstuffs, fertilisers and other sensitive material.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits

STYRENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 430 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 1080 mg/m³

WEL = Workplace Exposure Limit

Protective Equipment:



Engineering controls: As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection: Wear eye protection.

Hand protection: Wear protective gloves made of the following material: Butyl rubber. Neoprene.

Other protection: Wear protective clothing.

Hygiene measures: Wash at the end of each work shift and before eating, smoking and using the toilet.

Environmental controls: Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

Polycote Easiflow VP Grout – Part A Cont.

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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Viscous liquid
Odour	Aromatic
Initial boiling point:	145°C at 760mm Hg
Flash point:	31°C
Upper/lower flammability or explosive limits:	1.1% to 6.1%
Relative density:	1.05 - 1.22
Solubility(ies):	Insoluble in water. Soluble in the following materials: Organic solvents
Auto-ignition temperature:	490°C

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable at normal ambient temperatures and when used as recommended.
Hazardous reactions:	May polymerise.
Materials to avoid:	Avoid contact with acids and alkalis. Avoid contact with strong oxidising agents.
Haz. decomp. products:	In case of fire, toxic gases (CO, CO ₂ , NO _x) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION**Acute toxicity – Inhalation**

ATE Inhalation (gases ppm) –	11250.0
ATE Inhalation (vapours mg/l) –	27.5
ATE Inhalation (dusts/mists mg/l) –	3.75

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Dangerous for the environment.
Persistence/Degradability:	The product is biodegradable.
Mobility:	Mobile.

SECTION 13: DISPOSAL CONSIDERATIONS

General information:	Dispose of waste product or used containers in accordance with local regulations.
Disposal methods:	Dispose of waste via a licensed waste disposal contractor.

SECTION 14: TRANSPORT INFORMATION

UN No:	1866
UN proper name:	RESIN SOLUTION (contains unsaturated polyester resin in styrene)
Class:	3
Packing group:	III
Environmentally hazardous:	No
EmS:	F-E, S-E
Transport category:	3
Emergency Action Code:	•3Y
Hazard Identification No:	30
Tunnel restriction code:	(D/E)

SECTION 15: REGULATORY INFORMATION**EU legislation:**

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

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) as amended.

Chemical safety assessment:

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION**Hazard statements**

in full:	H226 Flammable liquid and vapour.
	H315 Causes skin irritation.
	H319 Causes serious eye irritation.
	H332 Harmful if inhaled.

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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Easiflow VP Grout – Part B



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

Product Name: **EASIFLOW VP GROUT – 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

Health hazards: Eye Irrit. 2 – H319; Skin Sens. 1 – H317
 Label elements:



Signal word: Warning
 Hazard statements: H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.

Precautionary statements:
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P501 Dispose of contents/container in accordance with national regulations.

Contains: BENZOYL PEROXIDE

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

EC No.	CAS No.	CLP Classification	Percent
SILICA SAND			
238-878-4	14808-60-7	Acute Tox. 4 – H332	60 - 100%
BENZOYL PEROXIDE			
202-327-6	94-36-0	Org. Perox. B – H241; Eye Irrit. 2 – H319; Skin Sens. 1 – H317	<1%

The full text for all Hazard Statements are displayed in Section 16.

SECTION 4: FIRST AID MEASURES

Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
 Ingestion: Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.
 Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
 Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
 Advice for firefighters: Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective clothing as described in Section 8 of this safety data sheet.
 Environmental Precautions: Do not discharge into drains, water courses or onto the ground.
 Methods for Cleaning Up: Avoid generation and spreading of dust. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.

SECTION 7: HANDLING AND STORAGE

Usage precautions: Avoid contact with skin, eyes and clothing.
 General hygiene: Do not eat, drink or smoke when using this product.
 Storage precautions: Store in tightly-closed, original container in a dry, cool and well-ventilated place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits
 SILICA SAND
 Long-term exposure limit (8-hour TWA): WEL 0,1 mg/m³
 BENZOYL PEROXIDE
 Long-term exposure limit (8-hour TWA): WEL 5 mg/m³
 Short-term exposure limit (15-minute): WEL
 WEL = Workplace Exposure Limit

Protective Equipment:



Engineering controls: As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection: Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection: Wear protective gloves.
 Other protection: Wear appropriate clothing to prevent skin contamination.

Hygiene measures: Wash at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection: if ventilation is inadequate, suitable respiratory protection must be worn.

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SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: Powder
 Colour: Grey
 Odour: Almost odourless

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable at normal ambient temperature and when used as recommended.

SECTION 11: TOXICOLOGICAL INFORMATION

Inhalation: Irritating to respiratory system.

SECTION 12: ECOLOGICAL INFORMATION

No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods: Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

SECTION 15: REGULATORY INFORMATION**National regulations:**

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).

EU legislation:

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

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) as amended.

Guidance:

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131. Safety Data Sheets for Substances and Preparations.

Chemical safety assessment:

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION**Hazard statements**

in full: H241 Heating may cause a fire or explosion.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.

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