

MATERIAL SAFETY DATA SHEET

Pebbletex PU Resin Screed – Part A



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

Product Name: **PEBBLETEx PU RESIN SCREED – 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

Main hazards: No significant hazard.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Contains: This product is based on a naturally occurring vegetable oil derived from the Castor Oil Bean, blended with a synthetic resin.

SECTION 4: FIRST AID MEASURES

Skin contact: There may be mild irritation at the site of contact.
 Eye contact: There may be irritation and redness.
 Ingestion: No symptoms.
 Inhalation: No symptoms.
Actions:
 Skin contact: Wash immediately with plenty of soap and water.
 Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
 Ingestion: Give 1 cup of water to drink every 10 minutes.
 Inhalation: N/A

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Do not use water. Dry chemical powder. Carbon dioxide. Alcohol or polymer foam. Do not use water.
 Advice for firefighters: Wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions: Turn leaking containers leak-side up to prevent the escape of liquid.
 Environmental precautions: Do not discharge into drains or rivers.
 Methods for cleaning up: Absorb into dry earth or sand.

SECTION 7: HANDLING AND STORAGE

Safe Handling: Ensure there is sufficient ventilation of the area.
 Safe Storage: Store in cool, well ventilated area.
 Suitable packaging: Must only be kept in original packaging.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering measures: Ensure there is sufficient ventilation of the area.
 Respiratory equipment: Respiratory protection not required.
 Hand protection: Protective gloves.
 Eye protection: Safety glasses with side-shields.
 Skin protection: Protective clothing.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Liquid
 Odour: Odourless
 Solubility in water: Insoluble
 Also soluble in: Most organic solvents.
 Viscosity: Viscous
 Boiling point/range°C: 300
 Flash point°C: 300
 Relative density: 1.02

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
 Conditions to avoid: Humidity.
 Materials to avoid: Strong bases.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Mobility: Floats on water.
 Persistence and degradability: Biodegradable.
 Bioaccumulative potential: No bioaccumulation potential.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations: Refer to local authority regulations to ensure compliance.
 Disposal of packaging: Dispose of as normal industrial waste.
 NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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.

Polycote Pebbletex PU Resin Screed – Part A Cont.

SECTION 15: REGULATORY INFORMATION

Hazard symbols:	No significant hazard.
Safety phrases:	S3/9/49: Keep only in the original container in a cool, well-ventilated place. S25: Avoid contact with eyes. S36: Wear suitable protective clothing. S38: In case of insufficient ventilation, wear suitable respiratory equipment.
Note:	The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SECTION 16: OTHER INFORMATION

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.

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Polycote UK

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



MATERIAL SAFETY DATA SHEET

Pebbletex PU Resin Screed – Part B



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

Product Name: **PEBBLETEx PU RESIN SCREED – 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

Main hazards: Harmful by inhalation. May cause sensitisation by inhalation and skin contact.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: HEXAMETHYLENE-DIISOCYANATE <1%
 EINECS: 212-485-8 CAS: 822-06-0
 [T] R23; [Xi] R36/37/38; [Sens.] R42/43
 RM-ALIPHATIC POLYISOCYANATE >90%
 [Sens.] R43.

SECTION 4: FIRST AID MEASURES

Skin contact: There may be mild irritation at the site of contact.
 Eye contact: There may be irritation and redness.
 Ingestion: There may be irritation of the throat.
 Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Actions:

Skin contact: Wash immediately with plenty of soap and water.
 Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
 Ingestion: Do not induce vomiting. Transfer to hospital as soon as possible.
 Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media: Water spray. Carbon dioxide. Alcohol or polymer foam. Dry chemical powder.
 Exposure hazards: In combustion emits toxic fumes of carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. In combustion emits Isocyanate Vapour and may emit traces of Hydrogen Cyanide.
 Advice for fire-fighters: Wear self-contained breathing apparatus.

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.
 Methods for cleaning up: Absorb into dry earth or sand.

SECTION 7: HANDLING AND STORAGE

Safe Handling: Ensure there is sufficient ventilation of the area. Prevent contact with water.
 Safe Storage: Store in cool, well ventilated area.
 Suitable packaging: Must only be kept in original packaging.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Hazardous ingredients: HEXAMETHYLENE-DIISOCYANATE
 WEL (8 hr exposure limit): 0.02 mg/m³
 WEL (15 min exposure limit): 0.07 mg/m³
 Engineering measures: Ensure there is sufficient ventilation of the area.
 Respiratory equipment: Respirator required if ventilation is insufficient.
 Hand protection: PVC gloves. Rubber gloves.
 Eye protection: Safety goggles.
 Skin protection: Protective clothing.

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

State: Liquid
 Colour: Dark brown
 Odour: Odourless
 Solubility in water: Reacts with water.
 Flash point °C: 220
 Relative density: 1.23

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under normal conditions.
 Conditions to avoid: Humidity.
 Materials to avoid: Acids. Alcohols. Amines. Alkalies.
 Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity: RESIN BOUND SYSTEM PART B
 ORL RAT LD50 15000 mg/kg
 Hazardous ingredients: HEXAMETHYLENE-DIISOCYANATE
 IVN MUS LD50 5600 µg/kg
 ORL MUS LD50 350 mg/kg
 ORL RAT LD50 710 µl/kg
 Chronic toxicity: May cause sensitisation by skin contact.
 Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

SECTION 12: ECOLOGICAL INFORMATION

Mobility: Non-volatile. Reacts with Water to form CO₂ and Polyurea (a solid with high melting point).
 Persistence and degradability: Not biodegradable.
 Bioaccumulative potential: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal operations: D10 Incineration on land.
 Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes. During the process of mixing this curing agent with its resin the container may be flushed with some of the mixed material rendering contents quickly inert. Once done the label should be defaced. Container may now be disposed of as normal Industrial waste.
 NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Polycote Pebbletex PU Resin Screed – Part B Cont.

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

Hazard symbols: Harmful.

Risk phrases: R20: Harmful by inhalation.
R42/43: May cause sensitisation by inhalation and skin contact.

Safety phrases: S23: Do not breathe fumes.
S24: Avoid contact with skin.
S37: Wear suitable gloves.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S63: In case of accident by inhalation, remove casualty to fresh air and keep at rest.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

SECTION 16: OTHER INFORMATION

Risk phrases used in s.2: R23: Toxic by inhalation.
R36/37/38: Irritating to eyes, respiratory system and skin.
R42/43: May cause sensitisation by inhalation and skin contact.
R43: May cause sensitisation by skin contact.

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