



MATERIAL SAFETY DATA SHEET

Concrete Sealer – Polyurethane (PU) Resin
Based - External

Date 2019-02-06

SECTION 1: Identification of the substance/mixture and of the company/undertaking	
1.1. Product identifier	
Product name	Concrete Sealer – Polyurethane (PU) Resin Based - External
Product code	EVEPBS
1.3. Details of the supplier of the safety data sheet	
Company	EVEREST TRADE PAINTS
Address	Unit 4 Tranker Lane, Rhodesia Worksop, Nottinghamshire S80 3LG
Website	www.everesttradepaints.co.uk
Telephone	0800 0438220
Email	sales@everesttradepaints.co.uk
1.4. Emergency telephone number	
Emergency telephone number	0800 0438220 9am – 6pm Monday – Friday
SECTION 2: Hazards identification	
This material is hazardous	
Road and rail	DANGEROUS GOODS.
Risk phrases	Flammable. Irritating to skin.
Safety phrases	Keep away from sources of ignition – No Smoking. Avoid contact with skin. After contact with skin, wash immediately with plenty of water (or soap and water if product is water insoluble).
Poisons schedule	None Allocated.
SECTION 3: Composition/information on ingredients	
Components CAS number proportion risk phrases	
Pigments	10-60%
Synthetic polymer(s)	10-60%
Mineral turpentine	10-60% R10, R38, R65
Kerosene 8008-20-6	10-60% R10, R38, R65
White spirits (Stoddard solvent) 8052-41-3	10-60% R65

Solvent naphtha (petroleum), light arom 64742-95-6 1	<10% R65
Xylene 1330-20-7 1	<5% R10 R20/21 R38
Ingredients determined not to be hazardous	To 100% -
SECTION 4: First aid measures	
Inhalation	Remove victim from area of exposure – avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood – cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.
Skin contact	If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.
Eye contact	If in eyes, wash out immediately with water. In all cases of eye contamination, it is a sensible precaution to seek medical advice.
Ingestion	If swallowed, do NOT induce vomiting. Give a glass of water. Get to a doctor or hospital quickly.
Medical attention and special treatment	Treat symptomatically.
SECTION 5: Firefighting measures	
Hazards from combustion products	Flammable liquid. On burning will emit toxic fumes.
Precautions for firefighters and special protective equipment	Keep containers cool with water spray. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk or exposure to vapor or products of combustion.
Suitable extinguishing media	Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal protein foam can be used.
SECTION 6: Accidental release measures	
Emergency procedures	If contamination of sewers or waterways has occurred advise local emergency services.
Methods and materials for containment and clean up	SMALL SPILLS: Collect in a container for disposal via special chemical waste collection. LARGE SPILLS: Shut off all possible sources of ignition. Wear protective equipment to prevent skin and eye contact. Avoid breathing in vapours. Work up wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal.
SECTION 7: Handling and storage	
Conditions for safe storage	Store in well-ventilated area away from foodstuffs, oxidising agents and sources of heat or ignition. Keep containers closed when not in use – check regularly for leaks.
Precautions for safe handling	Keep out of reach of children. Avoid skin and eye contact and breathing vapour. All potential sources of ignition (open flames, pilot lights, furnaces, spark producing... ..switches and electrical equipment etc) must be eliminated both in and near the

	work area. Do NOT smoke. Vapour may travel a considerable distance to source of ignition and flash back.
SECTION 8: Exposure control/personal protection	
Occupational exposure limits	No value assigned for this specific material. No exposure standards assigned to other constituents.
Engineering controls	Provide adequate ventilation. If using indoors, keep windows and doors open during use. Keep containers closed when not in use.
Personal protective equipment	The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and the environmental factors. Personal protection: G – OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES, RESPIRATOR. MANUFACTURE, PACKAGING AND TRANSPORT: Wear overall, safety glasses and impervious gloves. Use adequate ventilation. If inhalation mask exists wear organic vapour/particulate respirator meeting the requirements. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Avoid contact with eyes and skin. Use with adequate ventilation. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements.
SECTION 9: Physical and chemical properties	
Physical state	Viscous liquid
Colour	Coloured
Odour	Solvent
Solubility	Insoluble in water. Soluble in organic solvents.
Specific gravity	0.9-1.4 @20°C
Relative vapor density (air=1)	>1
Vapour pressure (20 °C)	Not available
Flash point (°C)	>23
Flammability limits (%)	Not available
Autoignition temperature (°C)	Not available
% Volatile by volume	Not available
Solubility in water (g/L)	Insoluble
Melting point/range (°C)	Not applicable
Boiling point/range (°C)	Not available
Decomposition point (°C)	Not available
pH	Not applicable
Viscosity	Not available
Evaporation rate	Not available
SECTION 10: Stability and reactivity	
Chemical stability	Stable under normal conditions of use.
Conditions to avoid	Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition, and open flame. Avoid contact with oxidising agents.
Incompatible materials	Incompatible with oxidising agents.

Hazardous decomposition products	Oxides of carbon.
Hazardous reactions	None known.
SECTION 11: Toxicological information	
No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or the effects that may arise if the product is mishandled and overexposure occurs are:	
Ingestion	Swelling can result in nausea, vomiting and central nervous system depression. If the victim is showing signs of central system depression (like those of drunkenness) there is a greater likelihood of the patient breathing in vomit and causing damage to the lungs.
Eye contact	May be eye irritant.
Skin contact	Contact with skin will result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
Inhalation	Material may be irritant to the mucous membranes of the respiratory tract (airways). Breathing in vapour can result in headaches, dizziness, drowsiness, and possible nausea. Breathing in high concentrations can produce central nervous system depression, which can lead to loss of co-ordination, impaired judgement and if exposure is prolonged, unconsciousness.
Long term effects	No information available for the product.
Toxicological data	No data available for the product.
SECTION 12: Ecological information	
Ecotoxicity	Avoid contaminating waterways.
SECTION 13: Disposal considerations	
Disposal methods	For large quantities: refer to Waste Management Authority. Advise flammable nature. Dispose of material through licensed waste contractor. Normally suitable for incineration by an approved agent. For small quantities: Do not pour leftover paint down the drain. Unwanted paint should be brushed out on newspaper, allowed to dry and then disposed of via domestic waste collection. Empty containers should be left open in a well-ventilated area to dry out. When dry recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first.
SECTION 14: Transport information	
Road and rail transport: Classified as dangerous goods – Transport by road and rail; DANGEROUS GOODS.	
Flammable. Liquid. 3	
UN number	1263
Class-primary	3 Flammable liquid
Packing group	III
Proper shipping name	PAINT
Marine transport: Classified as dangerous goods – Transport by sea; DANGEROUS GOODS.	
UN number	1263
Class-primary	3 Flammable liquid
Packing group	III
Proper shipping name	PAINT
Air transport:	

Classified as dangerous goods – Transport by air; DANGEROUS GOODS.	
UN number	1263
Packing group	III
Proper shipping name	PAINT
SECTION 15: Regulatory information	
Classification	This material is hazardous according to criteria; HAZARDOUS SUBSTANCE.
Hazard Category	Xi: Irritant.
Risk phrase(s)	R10: Flammable. R38: Irritating to skin.
Safety phrase(s)	Keep away from sources of ignition – No smoking. Avoid contact with skin. After contact with skin, wash immediately with plenty of soap ad water.
Poisons schedule	None allocated.
SECTION 16: Other information	
Reason(s) for issue	This safety data sheet has been prepared by Everest Trade Paints