



Material Safety Datasheet

eurocrete Part 1 - Resin

Product Information

Product Identifier:

eurocrete Part 1 for eurocrete HF, HFS, SL, WR and TF

Produce Use:

Part 1 of a three component, water-based polyurethane flooring system.

Manufacturer and Supplier's Name:

eurocrete - a division of Bedford Industries Ltd.

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Reactivity Data

Chemical Stability:

Stable under normal storage and handling. Not sensitive to mechanical impact.

Chemicals to be Avoided:

Keep away from oxidizing agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

Hazardous Decomposition Products:

When exposed to high temperatures, it may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, and oxides of nitrogen.

Hazardous Polymerization:

Will not occur.

Hazardous Ingredients

Hazardous Classification:

Non hazardous, non dangerous goods. Non dangerous goods for transport.

Information:

This product has a very low order of toxicity and does not represent a significant health hazard to users. However, the product does contain components of an organic nature and the hazard assessment is based on a consideration of these components. Prolonged contact with skin should be avoided as irritation may occur. Avoid contact with eyes.

Toxilogical Properties

Primary irritant effects:

May cause skin or eye irritation, however sensitization is unlikely. Although no toxicity testing has been carried out on this product, its components are regarded as being of minimal toxicity.

Fire & Explosion Data

Suitable extinguishing media:

Powder, foam, carbon dioxide. Do not use water jet.

Special hazards:

Toxic gases and vapours produced in a fire.

Protective Equipment:

Self contained breathing apparatus. Cool endangered containers with water in case of fire. Do not allow quenching water into sewers or waterways.

Hazchem code:

None allocated.

Physical Data

Form:	Liquid
Odor:	No odour
Colour:	Pale Yellow
pH:	ca 7
Specific Gravity/Density:	2.37
Water Solubility:	Insoluble
Melting Point:	N/A
Freezing:	N/A
Boiling Point:	>200 oC
Vapour Pressure:	N/A
Evaporation Rate:	N/A
Density:	0.95-1.05 g/cm ³ @ 20oC
Viscosity:	590-630 mPas @ 20oC
Flash Point:	>200 oC Closed cup
Non volatile content:	>90%
Solvent content:	<10%

Preparation Information

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Preventative Measures

Engineering Controls:

Provide sufficient ventilation. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of vapours or particles below the OEL (Occupational Exposure Limit), suitable respiratory protection must be worn.

Leak and Spill Procedure:

Spills should be collected/removed mechanically. Remainder can be contained by absorbing with a non combustible dry inert filler (vermiculite, sand, or soil) which can then be shovelled into appropriately labelled drums.

Waste Disposal:

Disposal should be effected by an approved waste disposal organization according to local regulations. Do not empty into drains. If the product contaminates lakes, rivers, or sewages, inform appropriate authorities in accordance with local regulations.

Handling:

The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Avoid contact with skin and eyes. Do not inhale the vapour. Do not eat, drink, or smoke during work. Wear goggles/visor, impervious gloves, and protective clothing. Comply with the health and safety at work laws.

Storage Requirements:

Store in a cool location. Containers should be kept dry and sealed. Containers which are opened, must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original one. Avoid heating and direct sunlight. Keep away from ignition sources. No smoking.

First Aid Measures

Inhalation:

Use in well ventilated areas. If inhalation does occur, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention.

Ingestion:

Not a normal route of injury. Do not induce vomiting. Give large quantities of water and get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person.

Skin Contact:

Remove contaminated clothing. Remove excess from skin mechanically. Wash contacted areas thoroughly with plenty of soap and water. Do not use solvents or thinners. If irritation persists, seek medical attention. Wash contaminated clothing thoroughly before re-use.

Eye Contact:

Immediately flush eyes with copious amounts of water for a minimum of 15 minutes. Seek immediate medical attention if adverse effect occurs. Skilled personnel should only undertake removal of contact lenses after an eye injury.