

MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: UCRETE LIQUID PIGMENT

Other name: None allocated

Product code: Various depending on colour.

Recommended use: Pigment component in the Ucrete solvent-free polyurethane flooring system.

Supplier: BASF Construction Chemicals Australia Pty Ltd. ABN 46 000 450 288
BASF Construction Chemicals New Zealand Ltd.

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2. HAZARDS IDENTIFICATION

Hazard classification: NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.
Non Hazardous substance according to NOHSC
Non Dangerous goods for transport according to the ADG code

Hazard Designation: None allocated

Risk phrase(s): None allocated

Safety phrase(s): None allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation: Polyol dispersion.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Non hazardous ingredients		To 100%

All ingredients listed on AICS.

4. FIRST AID MEASURES

Inhalation: Not a normal route of injury. 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.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. Seek medical attention. Skilled personnel should only undertake removal of contact lenses after an eye injury.

Skin: Remove contaminated clothing. Remove excess from skin mechanically. Wash contacted areas thoroughly with soap and water. If irritation develops seek medical attention. Wash contaminated clothing before re-use.

Ingestion: Not a normal route of injury. Do not induce vomiting; give large quantities of water; 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.

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5. FIRE FIGHTING MEASURES

<u>Suitable extinguishing media:</u>	Alcohol resistant foam; carbon dioxide (CO ₂); Dry powder; Water spray. Do not use water jet.
<u>Hazards from combustion products:</u>	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
<u>Precautions and equipment for fire fighters:</u>	Appropriate breathing apparatus may be required. Cool endangered containers with water in case of fire. Do not allow the quenching water into drains, sewers or waterways.
<u>Hazchem code:</u>	None allocated.

6. ACCIDENTAL RELEASE MEASURES

<u>Methods and materials for containment and clean up:</u>	Spills should be collected and removed mechanically. Spills can be contained by absorbing with a non-combustible, dry inert filler (vermiculite, diatomaceous earth, sand or soil), which can then be shovelled into appropriately labelled drums. Disposal should be effected by an approved waste disposal organisation according to local regulations. Clean spill area preferably with a detergent solution and capture waste for disposal. Avoid the use of solvents if possible.
<u>Environmental precautions:</u>	Do not allow to enter into drains, sewers or waterways.

7. HANDLING AND STORAGE

<u>Precautions for safe handling:</u>	Wear personal protective equipment (PPE) as per Section 8. Provide for good ventilation. Avoid skin and eye contact. Do not eat, drink or smoke while working with this material.
<u>Conditions for safe storage:</u>	Keep containers tightly closed; store under cool dry conditions. Containers which have been opened must be carefully resealed and kept upright to prevent leakage. Keep away from oxidising agents and from strongly alkaline and strongly acidic materials. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Ventilation:</u>	Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particles below the OEL (Occupational Exposure Limit), suitable respiratory protection must be worn.
<u>Exposure Standards</u>	None known.
<u>Personal Protective Equipment (PPE):</u>	
<u>Respiratory protection:</u>	Provide for adequate ventilation. Not normally required.
<u>Glove type (AS2161):</u>	Impervious gloves e.g. nitrile rubber gauntlets $\geq 0.35\text{mm}$ ≥ 480 min.
<u>Eye protection:</u>	Chemical worker's goggles, well fitting safety glasses or full face shield.
<u>Clothing:</u>	No special clothing required but overalls or other suitable industrial clothing which provides full skin coverage are suggested as a general precaution, especially where heavy contamination is likely.
<u>Other:</u>	Use barrier creams to protect skin from contact with the material. Do not eat drink or smoke while working with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

<u>Appearance:</u>	Liquid
<u>Colour:</u>	Various
<u>Odour:</u>	Poor, characteristic
<u>Solubility in water:</u>	Insoluble at 23C
<u>Specific gravity:</u>	ca 1.2
<u>Flash point:</u>	> 100C

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Normally stable when stored in original sealed containers in cool dry conditions. Not sensitive to mechanical impact.
<u>Incompatible materials:</u>	Keep away from oxidising agents and from strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.
<u>Hazardous decomposition products:</u>	When exposed to high temperatures, may produce hazardous decomposition products such as carbon dioxide, carbon monoxide, smoke, and oxides of nitrogen.
<u>Hazardous reactions:</u>	Exothermic reaction with acids, possible release of CO ₂ .

11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	The product has been classified in toxicological terms on the basis of the results of the calculation procedure outlined within the General Directive on Preparations (1999/45/EC)
<u>Inhalation:</u>	No data available.
<u>Eyes:</u>	No data available.
<u>Skin contact:</u>	No data available.
<u>Ingestion:</u>	No data available.
<u>Toxicity Data:</u>	No data available.

12. ECOLOGICAL INFORMATION

<u>Ecology:</u>	Do not discharge into drains, sewers or waterways. Degradability not determined.
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13. DISPOSAL CONSIDERATIONS

<u>Disposal method and containers:</u>	Ensure containers are sealed. Dispose of to an approved land fill site. Empty containers must be disposed of as for material. Refer to Local Waste Management Authority.
<u>Special precautions for landfill or incineration:</u>	None known

14. TRANSPORT INFORMATION

<u>UN number:</u>	None allocated
<u>UN proper shipping name:</u>	None allocated.
<u>Dangerous goods class:</u>	None allocated
<u>Subsidiary risk:</u>	None allocated
<u>EPG card:</u>	None allocated
<u>Packing group:</u>	None allocated
<u>Hazchem code:</u>	None allocated
<u>Poisons schedule:</u>	None allocated

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15. REGULATORY INFORMATION

<u>Hazard Designation</u>	None allocated
<u>Risk phrase(s):</u>	None allocated
<u>Safety phrase(s):</u>	None allocated

16. OTHER INFORMATION

Reason for issue: New product in range.

Based on information from BASF Construction Chemicals (UK) Ltd. MSDS Revision 07.09.2006; Version 1.0.0

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.