

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **UCRETE FLOORING, PART 1 All Grades**
DP BASECOAT B4; DP BASECOAT B6; DP BASECOAT B9; DP TOPCOAT;
DP TOPCOAT AS; DP BASECOAT B6 AS; MF; MF AS; UD200; UD200N;
UD200 SR; WR; PRIMER LC; PRIMER LC AS; PRIMER SC; PRIMER SCF;
FL; HF100; HF100 RT; MT; TZ; TZ AS; TZ COVING; TZ GROUT

Product code: Various.

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

Company: BASF Construction Chemicals BASF New Zealand Ltd.
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2. HAZARDS IDENTIFICATION

Hazard classification: NON HAZARDOUS; NON DANGEROUS GOODS
Non Hazardous according to the criteria of NOHSC
Non dangerous goods for transport according to the ADG code.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterisation: Water based polyurethane emulsion.

Chemical Name	CAS Number	Proportion
Non hazardous ingredients		To 100%
All ingredients listed on AICS.		

4. 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.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs 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 plenty of soap and water. Do NOT use solvents or thinners. If irritation persists seek medical attention. Wash contaminated clothing thoroughly 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.

5. FIRE FIGHTING MEASURES

<u>Suitable extinguishing media:</u>	Alcohol resistant foam, CO ₂ , dry powder or water spray. Do not use water jet.
<u>Hazards from combustion products:</u>	Fire will produce dense black smoke with oxides of carbon and nitrogen. 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 quenching water into sewers or waterways.
<u>Hazchem code:</u>	None allocated.

6. ACCIDENTAL RELEASE MEASURES

<u>Personal precautions:</u>	Provide for sufficient ventilation. Refer to protective measures listed in sections 7 and 8.
<u>Methods and materials for containment and clean up:</u>	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. Disposal should be effected by an approved waste disposal organisation according to local regulations.
<u>Environmental precautions:</u>	Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE**Information for safe handling**

Additionally, 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 or drink during work – no smoking. Comply with the health and safety at work laws.

Information about protection against explosions and fires

No particular measures required.

Requirements to be met by storerooms and containers

Containers should be kept dry and sealed. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage.

Information about separation of incompatible products

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Further information about storage conditions

Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Keep away from ignition sources – no smoking.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Additional information about engineering measures**

Provide 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 vapours or particles below the OEL (Occupational Exposure Limit), suitable respiratory protection must be worn.

Personal protective equipment

Respiratory protection:	If workplace limits are exceeded, a gas mask approved for this purpose must be worn.
Hand protection:	Nitrile rubber gloves >0.35mm >= 480 min. By using other gloves with a lower endurance, change them more often. After washing hands replace lost skin fat by fat containing skin creams.
Eye protection:	Use safety glasses.
Clothing:	Light protective clothing.
Other:	Use barrier creams to protect skin from contact 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>	White liquid.
<u>Odour:</u>	Soap like.
<u>pH:</u>	ca 7
<u>Boiling point (°C):</u>	Not applicable.
<u>Freezing point (°C):</u>	Not applicable.
<u>Solubility in water:</u>	Insoluble.
<u>Specific gravity:</u>	Not available
<u>Flash point (°C):</u>	.> 100 (DIN 53213)
<u>Evaporation rate:</u>	Not applicable.

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Stable under normal storage and handling. Not sensitive to mechanical impact.
<u>Incompatible materials:</u>	Keep away from oxidizing agents, strongly alkaline and strongly acid 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 monoxide and dioxide, smoke, oxides of nitrogen.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

<u>Experience on practice</u>	In case of contact with the product: danger of resorption through the skin, irritation of skin/mucous membranes.
<u>Additional toxicological information</u>	The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

12. ECOLOGICAL INFORMATION

<u>General Information:</u>	Do not discharge into sewers or waterways.
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13. DISPOSAL CONSIDERATIONS

<u>Disposal method and containers:</u>	Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.
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14. TRANSPORT INFORMATION

<u>UN number:</u>	None allocated.
<u>UN proper shipping name:</u>	Not regulated.
<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.

15. REGULATORY INFORMATION

Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP): None allocated

All ingredients listed on the Australian Inventory of Chemical Substances (AICS).

This information relates to New Zealand only. Not applicable in Australia.

ERMA NZ Registration: Not required, non hazardous.

ERMA Group Standard: Not applicable

HSNO Classifications: Not applicable

16. OTHER INFORMATION

Reason for issue: Addition of ERMA HSNO/HSR data for New Zealand. Rearrangement of hazard data.

This MSDS relates to all material produced **after** January 2010.

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.