

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **MASTERKURE 402**

Other name: Floorseal

Recommended use: Clear acrylic curing compound for concrete.

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

Address: 11 Stanton Road,
Seven Hills, NSW, 2147
Australia
45 William Pickering Drive,
Albany, Auckland,
New Zealand

Telephone number: +61 2 8811 4200 +64 9 414 7233

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2. HAZARDS IDENTIFICATION

Hazard classification: HAZARDOUS SUBSTANCE. DANGEROUS GOODS.
Hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001

Hazard Designation: Xn - Harmful

HSNO Classification

3.1C	Flammable liquid and vapour
6.1D	Acutely toxic (oral)
6.3A	Irritating to skin
6.4A	Irritating to eyes
6.9	Irritating to respiratory system
R10	Flammable

Risk phrase(s): R22 Harmful if swallowed
R36/37/38 Irritating to eyes, respiratory system and skin.
S3/7/9 Keep container closed in a cool, well-ventilated place.

Safety phrase(s): S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S51 Use only in well ventilated areas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Proportion</u>
Aliphatic, cycloparaffinic, aromatic hydrocarbon	64742-82-1	> 60%
Aliphatic hydrocarbon	64742-95-6	10 - < 30%
Non hazardous ingredients		to 100%

4. FIRST AID MEASURES

Inhalation: Remove to fresh air, keep warm and rest. Seek medical attention immediately.

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: Flush contacted area thoroughly with soap and plenty of water. Seek medical attention in event of

irritation.

Ingestion: Do NOT induce vomiting. Wash mouth and give a glass of water. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

<u>Suitable extinguishing media:</u>	Foam, CO ₂ and Dry Chemical.
<u>Hazards from combustion products:</u>	Oxides of carbon and other possibly toxic fumes from fire.
<u>Precautions and equipment for fire fighters:</u>	Vapour/air mixture may ignite explosively. Flashback along vapour trail may occur. Full protective clothing as per personal protection, section 8.
<u>Hazchem code:</u>	3Y

6. ACCIDENTAL RELEASE MEASURES

<u>Methods and materials for containment and clean up:</u>	Small or major spills should be absorbed with dry, inert filler (soil or sand) which then can be shovelled into appropriately labelled drums for disposal.
<u>Environmental precautions:</u>	Do not empty into drains, sewers or waterways. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations

7. HANDLING AND STORAGE

<u>Precautions for safe handling:</u>	Wear personal protective equipment (PPE) as per Section 8.
<u>Conditions for safe storage:</u>	Keep containers tightly closed. Containers should be kept dry and sealed. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage. Store under cool dry conditions. Avoid heating and direct sunlight. Keep away from ignition sources – no smoking. Keep out of reach of children. Store at 5°C to 35°C. Store undercover and away from moisture. Keep away from incompatible materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Engineering Controls:</u>	Ventilation is recommended under normal use conditions. State regulations on speed and direction of airflow away from operators must be observed. Keep containers closed when not in use.
<u>Exposure Standards</u>	None established but advisable to work under 80 ppm (TWA).
<u>Personal Protective Equipment (PPE):</u>	
<u>Respiratory protection:</u>	Type A1 if ventilation is inadequate.
<u>Glove type (AS2161):</u>	Long PVC or nitrile rubber gauntlets.
<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. 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>	Clear light amber low viscosity liquid
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<u>Odour:</u>	Characteristic
<u>pH:</u>	Not available
<u>Vapour pressure:</u>	Not available
<u>Solubility in water:</u>	Insoluble
<u>Specific gravity:</u>	approx. 0.9 g/cm ³ (at 20°C)
<u>Melting point:</u>	Not available
<u>Flash point:</u>	36°C
<u>Boiling point:</u>	> 190°C
<u>Flammability limits:</u>	Lower: 0.9 Vol.% Upper: 5.5 Vol.%
<u>Flow time:</u>	600 s (ISO cup 4 mm at 20°C)

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Stable under normal storage and application temperature.
<u>Incompatible materials:</u>	Strong oxidising agents.
<u>Hazardous decomposition products:</u>	Oxides of carbon and possibly other toxic fumes from fire.
<u>Hazardous reactions:</u>	Hazardous polymerisation will not occur.

11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	Susceptible individuals may develop allergic reactions such as dermatitis or asthma-like symptoms on a single significant skin exposure or may become sensitised to the material on repeated contact. Hence it is imperative that all forms of exposure be kept to an absolute minimum.
<u>Inhalation:</u>	Causes irritation to mucous membrane and respiratory tract.
<u>Eyes:</u>	Causes eye irritation and redness.
<u>Skin contact:</u>	Causes skin irritation and prolonged contact may cause dermatitis.
<u>Ingestion:</u>	May cause irritation to mouth, throat and digestive tract. Large dose may cause drowsiness and may lead to unconsciousness.
<u>Toxicity Data:</u>	Not available

12. ECOLOGICAL INFORMATION

<u>Ecotoxicity:</u>	Do not discharge into sewers unless connected to a wastewater treatment plant.
<u>Aquatic toxicity</u>	Not available

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. Ensure containers are sealed. Dispose of to an approved land fill site. Refer to Waste Management Authority.
<u>Special precautions (landfill/incineration):</u>	None known

14. TRANSPORT INFORMATION

<u>UN number:</u>	1993
<u>UN proper shipping name:</u>	FLAMMABLE LIQUID, N.O.S. (CONTAINS HYDROCARBONS)
<u>Dangerous goods class:</u>	3
<u>Subsidiary risk:</u>	None allocated
<u>Packing group:</u>	III
<u>Hazchem code:</u>	3Y

15. REGULATORY INFORMATION

NICNAS / AICS:	All components are listed
Poisons Schedule:	Schedule 5
HSNO Classifications:	3.1C, 6.1D, 6.3A, 6.4A, 6.9
ERMA Group Standard:	HSR002495
ERMA / NZIoC:	All components are listed
Tracking:	Not required
Approved Handler:	Not required

16. OTHER INFORMATION

Reason for issue: Update to combined Australia and New Zealand MSDS.

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.