

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **SONOSHIELD HLM 5000**
Other name: None allocated
Product code: 2070101050001_, 2070101050002_, 2070101050003_, 2070101050004_,
2070101050005_
Recommended Use: Liquid cold-applied elastomeric waterproofing membrane system.

Company: BASF Construction Chemicals Australia Pty Ltd.
ABN: 46 000 450 288
Address: 11 Stanton Road,
Seven Hills, NSW, 2147, Australia
Telephone number: +61 2 8811 4200
Facsimile: +61 2 8811 3299

Company: BASF Construction Chemicals New Zealand Ltd.
Address: 45 William Pickering Drive,
Albany, Auckland,
New Zealand
Telephone number: +64 9 414 7233
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Emergency telephone number: 0417 658 263

2. HAZARDS IDENTIFICATION

Hazard classification: Hazardous according to criteria of NOHSC
Risk phrase(s): R 20 - Harmful by inhalation
R 36/37/38 - Irritating to eyes, respiratory system and skin.
Safety phrase(s): S 16 - Keep away from sources of ignition
S 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection
S 51 - Use only in well-ventilated areas.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS

Chemical Name	CAS Number	Proportion
Asphalt petroleum	8052-42-4	10 -< 30%
Mineral spirits	8052-41-3	10 -< 30%
Naphtha light aromatic	64742-95-6	< 10%

4. FIRST AID MEASURES

Ingestion: Do NOT induce vomiting. Wash mouth with water and seek immediate 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.

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Skin: Remove contaminated clothing. Flush contacted area thoroughly with soap and plenty of water. If irritation persists, seek medical attention. If irritation persists seek medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, give oxygen and seek medical attention immediately.

First aid facilities: Ensure availability of clean water for eye/skin wash.

Advice to doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Foam, CO₂ and Dry Chemical.

Hazards from combustion products: Oxides of carbon.

Precautions and equipment for fire fighters: Containers can build up pressure if exposed to heat (fire). Full protective clothing with self contained breathing apparatus as per personal protection, section 8.

Hazchem code: 3Y

6. ACCIDENTAL RELEASE MEASURES

Methods for clean up / collecting: 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. Ventilate the area and remove all sources of ignition.

Environmental precautions: Do not discharge into sewers.

7. HANDLING AND STORAGE

Information for safe handling: Avoid ignition sources. Vapours can travel to a source of ignition and flash back. Do not pressurise, cut, weld, braze, solder, drill, grind or expose such container to heat, flame, sparks, static electricity or other sources of ignition; containers may explode and cause injury or death. Use spark-proof tools and explosion proof equipment. Ground and bound containers when transferring material. Fire produces irritating or poisonous gas.

Conditions for safe storage

Location: Store in a cool, dry and well-ventilated area.

Temperature conditions: 5 to 35°C. Avoid long-term exposure to elevated temperatures.

Protection from weather: Store undercover and away from direct sunlight, heat and moisture.

Storage incompatibilities: Avoid contact with oxidising material, alcohol and water.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards: Not available

Engineering controls: Natural ventilation should be adequate 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. Keep out of reach of children.

Personal protective equipment

Respiratory protection: Type A1 if ventilation is inadequate.

Glove type (AS2161): Long PVC or nitrile rubber gauntlets

Eye protection: Chemical worker's goggles.

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Clothing: Overalls.
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

Appearance: Thick black paste with strong solvent odour.
Boiling point (°C): 153 - 371
Melting point (°C): Not applicable
Vapour pressure @ 25°(kPa): Not applicable
Specific gravity: ca. 1.3
Flash point (°C): > 48
Flammability limits (%): UEL – 7.0
LEL – 0.9
Solubility in water: Insoluble
Evaporation rate: Slower than butyl acetate

10. STABILITY AND REACTIVITY

Hazard of use/storage: Stable under normal storage and application temperature.
Materials to avoid: Avoid contact with oxidising material, alcohol and water.
Hazardous decomposition products: Oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Acute

Ingestion: Irritating to mouth, throat and stomach.
Eye: Causes eye irritation.
Skin: Causes skin irritation. Repeated or prolonged skin contact can result in defatting and drying of the skin, which may result in skin irritation and dermatitis (rash).
Inhalation: Harmful if inhaled. Headaches, dizziness, nausea, decreased blood pressure; changes in heart rate and cyanosis may result from overexposure to vapour.

Chronic:

Susceptible individuals may develop allergic reactions such as dermatitis on a single significant skin or respiratory exposure or may become sensitised to the material on repeated and prolonged contact. Hence it is imperative that all forms of exposure be kept to an absolute minimum. This product contains solvents. Be warned that intention misuse by deliberately inhaling the contents may be harmful and fatal.

12. ECOLOGICAL INFORMATION

Ecology: Do not discharge into sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

State/Territory authority: Observe all Federal, State and Local regulations

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Dispose – Secure landfill: Yes.
Dispose – High temp incinerator: Yes
Precautions for clean up crew: Full protective clothing with self-contained breathing apparatus as per personal protection in section 8.

14. TRANSPORT INFORMATION

UN number: 1263
Dangerous goods class: 3
Subsidiary risk: None allocated
EPG card: 3C1
Shipping name: PAINT
Packing group: III
Poisons schedule: 5
Hazchem code: 3Y

15. REGULATORY INFORMATION

Risk phrase(s): R 20 - Harmful by inhalation
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16. OTHER INFORMATION

Reason for Issue: Change of company name.

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.