

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **SONOSHIELD® SONOGUARD TOPCOAT**

Company: BASF Construction Chemicals Singapore Pte Ltd

Address: 33 Tuas Avenue 11

Singapore 639090

Telephone number: +65 6861 6766

Facsimile: +65 6861 3186

Emergency telephone numbers: +65 6861 6766

2. HAZARDS IDENTIFICATION

Safety hazards: Flammable.

Health hazards: Irritating to eye and skin. Overexposure of ingestion may cause irritation to mouth, throat and stomach. Harmful if inhaled. Repeated or prolonged contact with skin may cause sensitization.

Environmental hazards: See section 12.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical

characterization: Preparation of mineral sprits with fillers.

Hazardous Ingredients: Mineral Sprits (Stoddard type) Methylene bis(4-cyclohexyllisocyanate)

CAS No: 8052-41-3 5124-30-1

Hazard symbols: F T

R-phrases: 42-43 24-25

% Concentration: <30% <5%

4. FIRST AID MEASURES

Immediate treatment

Eye contact: Flush with water for at least 15 minutes.

Skin contact: Wash with soap and water.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

Ingestion: If swallowed, DO NOT induce vomiting. Give victim a glass of milk or water. Obtain immediate medical advice. Never give anything by mouth to an unconscious person.

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5. FIRE FIGHTING MEASURES

Special hazards:	May be ignited by heat, sparks or flame. Containers exposed to fire should be kept cool with water spray. Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-breathing apparatus pressure-demand and full protective gear.
Protective equipment:	Eye protection required.
Extinguishing agents:	CO2 dry chemical water fog.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Eye protection and skin protection required.
Environmental precautions:	See 13.
Method for cleaning up:	Large spillage should be pumped into containers; soak up remainder with absorbent material. Small spillage can be swilled away with water. Waste must be disposed of correctly.

7. HANDLING AND STORAGE

Handling:	Use in a well ventilated area. Keep out of reach of children. May be ignited by static sources of ignition. Use spark-proof tools and explosion proof equipment. Ground and bound containers when transferring material.
Requirements for storage rooms:	Keep containers closed and keep under shaded area and away from sources of ignition.
Materials not to be stored together:	n.d.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Technical measures:	Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.
Personal protection	
Respiratory protection:	Wear approved respiratory protection when the product is mixed or applied in a poorly ventilated area or if workplace levels of ingredients exceed the TLV. Follow applicable federal, state, and local regulations.
Eye protection:	Wear safety glasses.
Hand protection:	Protective gloves or suitable barrier cream recommended.
Body protection:	Wear clean protective coating to cover arms and legs to keep exposure to a minimum.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid.
Colour:	Clear coloured.
Odour:	Paint like.
Freezing temperature:	n.d.
Boiling point:	Approx. 106 -260°C
Melting point:	n.a.
Flash point:	Approx. 41°C
P1:	n.a.
EPL (in):	n.a.
Vapour pressure:	n.d.
Vapour density:	n.a.
Relative density:	Approx. 1.09 @ 25°C
Solubility:	Slight in water.

10. STABILITY AND REACTIVITY

Stability:	Stable under ambient conditions.
Hazardous reactions (conditions to avoid):	Source of ignition. Long-term exposure to elevated temperatures.
Materials to avoid:	Oxidizing material and avoid contact with water vapour.
Hazardous decomposition products:	Oxides of carbon.

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11. TOXICOLOGICAL INFORMATION

Acute toxicity (lethal dose)

LD50 oral Albino rat

Dose: n.d.
Additional information: n.d.
Information applies to: SONOSHIELD SONOGUARD Topcoat

LC50 inhalation Albino rat

Dose: n.d.
Additional information: n.d.
Information applies to: SONOSHIELD SONOGUARD Topcoat

Acute toxicity (irritation, sensitization etc.)

Eye irritation Albino rabbit

Result: n.d.
Symptoms: n.d.
Method: n.a.

Skin irritation Albino rabbit

Results: n.d.
Symptoms: n.d.
Method: n.a.

Delayed or chronic toxicological effects

Additional information: n.d.

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12. ECOLOGICAL INFORMATION

Ecotoxicity

LC50 dose: n.d.

Additional information

Ecotoxicity: n.d.

Biochemical oxygen demand

COD: n.d.

BOD: n.d.

Other: n.a.

13. DISPOSAL CONSIDERATIONS

Dispose in approved method for cement in accordance with local legislation requirements.

14. TRANSPORT INFORMATION

Road transport ADR / RID

Class: 3.3

Number/letter: n.as.

Warning sign: n.as.

Hazard No: n.as.

UN No: 1263

Maritime / Air transport IMDG

UN No: 1263

PG: III

Class: 3.3

IMDG code page: n.as.

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15. REGULATORY INFORMATION

Classification:	Required.
Hazard labels:	F- Flammable Liquids.
R-phrases:	R10- Flammable. R20- Harmful by inhalation. R36/38- Irritating to eyes and skin. R42/43- May cause sensitization by inhalation and skin contact.
S-phrases:	S16- Keep away from sources of ignition- No smoking. S36/37/39- Wear suitable protective clothing, gloves and eye/face protection.

National regulatory information:

Other regulations, restrictions and prohibitions:

n.a.

16. OTHER INFORMATION

Product should be stored on site in leak proof and rupture proof containers.
Keep in shaded areas.

Reason for Issue: New format based on National Code of Practice for the preparation of MSDS – 2nd edition [NOHSC:2011(2003)]. 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.