

FIRE STOP PU FOAM

1. Product & Company Identification

Product Details

Product name: Fire Stop PU Foam
 Physical form: Aerosol
 Odour: Odourless.
 CAS No.: Mixture
 Flammability: Combustible.

Company Details

Manufacturer: Mohm Chemical Sdn Bhd
 Address: No. 32, Jalan Temenggong, Off Jalan Tampoi,
 81100 Johor Bahru, Johor, Malaysia.
 Tel: + 60-7-3331222
 Fax: + 60-7-3320545/ + 60-7-3337919

2. Hazards Identification

Hazard Pictogram



Signal word: Warning

Classification

Eye irritation	Category 2
Corrosion / irritation	Category 2
Hazardous to the aquatic environment - chronic hazard	Category 2
Skin sensitization	Category 1

Hazard statement

H319 - Causes serious eye irritation.
 H315 - Causes skin irritation.
 H317 - May cause allergic skin reaction.

Precautionary statement - General

P102 - Keep out of the reach of children.

Precautionary statement - Prevention

P280 - Wear protective gloves and eye / face protection.

Precautionary statement - Response

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
 P362 - Take off contaminated clothing and wash before reuse.
 P333 - If skin irritation or rash occurs: Get medical attention.



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P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice / attention.

Precautionary statement – Disposal

P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

3. Composition / Hazardous Components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>WT%</u>
Propane/Butane	74-98-6/106-97-8	1 - 15%
Dimethylether	115-10-6	1 - 15%
Diphenylmethane-4,4'- diisocyanate	9016-87-9	30 – 50%

4. First-aid Measures

General remarks:	Do not leave affected person unattended. Treat according to person's condition and specifics of exposure.
Eye contact:	Immediately flush with water for 15 minutes.
Ingestion:	Get medical attention.
Skin contact:	No first aid should be needed.

5. Fire Fighting Measures

Extinguishing media:	On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO ₂), dry chemical or water spray. Water can be used to cool fire exposed containers.
Special protective actions for fire-fighters:	Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Nitrogen oxides. Silicon dioxide. Formaldehyde. Metal oxides. Sulfur oxides. Iodine compounds. Quartz.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency:	Take people to safety place.
For workers, emergency responders:	If exposed to vapors/dust/ aerosols/gases, wear breathing apparatus.
Environmental precautions:	Prevent spillage into drains, surface water and groundwater.
Clean-up methods:	Observe all personal protection equipment recommendations described in Sections 5 and 8. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local



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laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. Handling and Storage

Handling:	Handle in well-ventilated area. Avoid contact with skin, eyes and do not swallow.
Storage:	Store in closed packing between 5°C and 25°C away from direct sunlight and other sources of heat.

8. Exposure control / Personal protection

Occupational exposure limits:	No specific date.
Engineering controls:	No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Environmental exposure control:	Emissions from ventilation or work process equipment should be checked to ensure they comply with requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Respiratory protection:	Use a properly fitted, particular filter respiratory complying with an approved standard if a risk assessment indicates this is necessary.
Skin protection:	Chemical resistance, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Eye/face protection:	Safety eyewear complying with an approved standard should be used when a risk assessment indicated this is necessary to avoid exposure to liquid splashes, mists, gases, or dusts.

9. Physical and Chemical Properties

Physical state:	Aerosol	Viscosity:	Unresolved
Color:	See product packaging	Flash point:	Unresolved
Odour:	Odourless	Specific gravity:	1.2±0.05 at 25°C
pH:	Unresolved	Ignition temperature:	>300°C
Melting/Freezing point:	Unresolved	Explosion limits:	Not determined
Boiling point/range:	Unresolved	Solubility with water:	Not determined

10. Stability and Reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability:	The product is stable.
Hazardous Reaction:	Under normal conditions of storage and uses, hazardous reactions will not occur.
Hazardous decomposition product:	Non at appropriate use.
Incompatibility materials:	Acetylene, acid, Amines, Ammonia, Hydrazine, Metal Sulfides, Peroxides, Strong Oxidizers.



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Conditions to avoid: Keep away from sources of ignition. At temperatures >100°C the container may burst. Excessive heat and strong Oxidizing agents.

11. Toxicological Information

Contains diphenylmethane-4,4'-diisocyanate (MAK-value 0.005 ppm). May cause sensitization by inhalation and skin contact. Avoid repeatedly contact or contact for a longer timer. People with isocyanate allergy should not be in contact with the content. In case of very sensitive persons low concentrations can cause asthmatic reactions.

12. Ecological Information

Ecotoxicity: Unknown
Degradability: Unknown

13. Disposal Considerations

Empty canister company completely and let the sprayed material cure. Disposal should be in accordance with applicable regional, national and local laws and regulations, Local regulations maybe more stringent than regional or national requirements.

14. Transport Information

U.S Department of Transportation Ground (49 CFR):

Proper Shipping Name: Aerosols
Hazard class or division: 2
Identification number: UN 1950
Packaging group: None
Exceptions: None
Marine pollutant: None

International Air Transportation (ICAO/IATA):

Proper Shipping Name: Aerosols
Hazard class or division: 2
Identification number: UN 1950
Packaging group: None
Exceptions: None

Water Transportation (IMO/IMDG):

Proper Shipping Name: Aerosols
Hazard class or division: 2
Identification number: UN 1950
Packaging group: None
Marine pollutant: None

15. Regulatory Information

Not available



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16. Other Information

This data complete the technical data sheet for use, but it doesn't replace it. The data given here is based on current knowledge and experience. The purpos of this safty data sheet is to decrbe the products in terms of their safty requirements. The data does not signify any warranty with regard to the product's properties.

*** End of SDS ***

