

MC-238

PU FOAM INSULATION & CONSTRUCTION POLYURETHANE FOAM

x'traseal®

SAFETY DATA SHEET

REV: 06

Date: 25 Sep 2026

1. Product & Company Identification

Product Details

Product name:	**MC-238 PU Foam Insulation & Construction Polyurethane 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

Skin corrosion or irritation	**Category 2**
Serious eye damage or eye irritation	**Category 2**
Flammable aerosols	**Category 2**
Specific target organ toxicity-single exposure	**Category 3**

Hazard Statement
H223 - Flammable aerosol
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.

Precautionary Statement – Prevention
P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.

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P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement – Response
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
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.
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statement – Storage
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410 + P412 - Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.

Precautionary Statement – Disposal
P501 - Dispose of contents/container in accordance with regulations made under the control of Pollution & Environmental Protection Acts.

3. Composition / Hazardous Components

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

4. First-aid Measures

Take off all contaminated clothing immediately.

Eye Contact:	Immediately flush with running water for at least 15 minutes, holding the eyelids apart and seek medical advice.
Skin Contact:	Wipe with paper towel and immediately clean with soap and water.
Inhalation:	Remove to fresh air and rest, seek medical advice if necessary.
Ingestion:	Rinse mouth with water several times, seek medical advice immediately.

5. Fire Fighting Measures

Suitable extinguishing media:	CO_2, powders, foam and water spray.
Unsuitable extinguishing media:	Water from a jet.
Special firefighting procedure:	Wear protective clothing and breathing apparatus. Remove unexposed containers from the danger area. Cool with water, container may burst. Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.
Hazardous decomposition:	Carbon dioxide, carbon monoxide, isocyanates, smoke, oxides of nitrogen, chlorhydric acid, hydrogen cyanide, sulphur dioxide.

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6. Accidental Release Measures

Methods for cleaning up:	**Wipe and scrape up, put in a container for disposal.**
Environmental precautions:	**Keep away from drains and watercourses.**

7. Handling and Storage

Handling:	**Avoid contact with eyes and skin. Handle in well-ventilation area.**
Storage:	**Store in well-ventilated area in closed container between +5 to +25°C. Keep away from direct sunlight and other sources of heat.**

8. Exposure Control / Personal Protection

Engineering measures:	**Provide adequate ventilation.**
Hand protection:	**Suitable protective gloves.**
Eye protection:	**Safety/protective glasses.**
Respiratory protection:	**Avoid breathing vapour. Maintain good ventilation.**
Flammability:	**Contain combustible propellant, keep away from heating sources.**
Exposure limits:	**Propane/butane: MAK 1000ppm, Dimethylether: MAK 1000ppm. Diphenylmethane-4,4'-diisocyanate: MAK 0.005ppm.**

9. Physical and Chemical Properties

Form:	**Aerosol**
Colour:	**Champagne**
Odour:	**Odourless**
Specific gravity:	**Approx. 0.9**
Flash point:	**N/A**
Ignition temperature:	**> 300ºC**
Vapour pressure (20ºC):	**Not determined**
Solubility with water:	**Insoluble**
Skin formation:	**7 min**
Cutting Time:	**45 min**
Free foamed density:	**Approx. 30 kg/m³**
Thermal conductivity (λ):	**0.033 W/m.K**
Shear strength:	**Approx. 20 kPa**
Tensile strength:	**Approx. 35 kPa**

10. Stability and Reactivity

Chemical stability:	**Stable**
Incompatibility (material to be avoid):	**Unknown**
Conditions to be avoid:	**Keep away from sources of ignition. Container may burst when heated.**
Dangerous reactions:	**None known.**
Dangerous products of decomposition:	**Carbon dioxide, carbon monoxide, isocyanates, smoke, oxides of nitrogen, chlorhydric acid, hydrogen cyanide, sulphur dioxide.**

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11. Toxicological Information

Contain diphenylmethane-4,4'-diisocyanate:	**MAK 0.005ppm.**
On the skin:	**Irritant for skin.**
On the eye:	**Irritant effect.**
Sensitization:	**May cause sensitisation of the respiratory system leading to an asthmatic condition.**

12. Ecological Information

Avoid uncured product will come in the environment.

Degradability:	**Unknown.**
Ecotoxicity:	**Unknown.**
WGK:	**1(self-assessment).**

13. Disposal Considerations

Waste Disposal Method:	**All disposals must comply with relevant authorities' regulations.**

14. Transport Information

By land (ADR/RID)	
Name:	**Aerosols**
UN-number:	**1950**
Class:	**2.1**
Classification code:	**5A**
Limited quantities:	**LQ2**
Danger label:	**2.1**
By air (ICAO/IATA-DGR)	
Name:	**Aerosols**
UN-number:	**1950**
Class:	**2.1**
By sea (IMDG-Code)	
Name:	**Aerosols**
UN-number:	**1950**
Class:	**2.1**
EmS-No. (Fire):	**F-D**
EmS-No. (Spillage):	**S-U**
Marine Pollutant:	**No**

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15. Regulatory Information

Labeling (EC):	**This product is subject to the labeling requirements.**	
Danger symbol:	**F+, Xn.**	
Contain:	**Diphenylmethane 4,4' di-isocyanate, isomers and homologues.**	
Risk phrases:	**R12**	**Extremely inflammable.**
	R20	**Harmful by inhalation.**
	R36/37/38	**Irritating to eyes, respiratory system and skin.**
	R42/43	**May causes sensitization by inhalation and skin contact.**
Safety phrases:	**S2**	**Keep out of reach of children.**
	S26	**In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**
	S28	**After contact with skin, wash immediately with plenty of water.**
	S38	**In case of insufficient ventilation, wear suitable respiratory equipment.**
	S45	**In case of accident or if you feel unwell, seek medical advice immediately.**

Pressurized container. Protect from sunlight and do not expose to temperature exceeding 50°C.
Do not pierce or burn even after use.
Do not spray on a naked flame or any incandescent material.
Keep away from sources of ignition. No smoking.
In use, may form flammable/explosive vapour-air mixture.
Keep out of reach of children.

16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

***** End of SDS *****

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