



**MOHM CHEMICAL SDN. BHD.** (Co. No. 276851-U)

**MCX MARKETING SDN. BHD.** (Co. No. 363532-T)

H. Q. : No. 32, Jalan Temenggong, Off Jalan Tampoi, 81100 Johor Bahru, Johor, Malaysia.

Tel : (60 7) 333 1222 Fax : (60 7) 332 0545 / 333 7919

KL. Office : No. 4, Jalan TPP 5/10, Taman Perindustrian Puchong, 47100 Puchong, Selangor.

Tel : (60 3) 8060 0370 / 8060 0372 Fax : (60 3) 8060 0723

Email : info@mochem.com Website: www.mochem.com / www.xtraseal.com

## MATERIAL SAFETY DATA SHEET

### xtraseal® PU FOAM

#### 1. Product & Company Identification

##### 1.1 Product Detail

Product name: **xtraseal® PU Foam**  
Physical form: **Aerosol**  
Odour: **Odourless**  
CAS No.: **Mixture**  
Flammability: **Combustible**

##### 1.2 Company Details:

Manufacturer: **Mohm Chemical Sdn Bhd**  
Address: **No. 32 (Lot 1617), Jalan Temenggong, Off Jalan Tampoi, 81100 Johor Bahru, Johor, Malaysia.**  
Tel: **+ 60-7-3331222**  
Fax: **+ 60-7-3320545/ + 60-7-3337919**

#### 2. Composition/ Hazardous Components

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Approx WT%</u>
Diphenylmethane-4,4'-diisocyanate	9016-87-9	<45%
Propane	74-98-6	<10%
Butane	106-97-8	<10%
Dimethylether	115-10-6	<15%

#### 3. Hazards Identification

Contain diphenylmethane-4,4'-diisocyanate.

Ingestion: **Harmful if swallow.**

Skin contact: **Uncured product contact will irritate lips, tongue and skin.**

Inhalation: **May cause respiratory system irritation.**

Eye contact: **Uncured product contact irritates eyes.**

During use formation of explosive vapour-oxygen mixtures are possible especially on the ground.

#### 4. First-aid Measures

Take off all contaminated clothing immediately.

In case of inhalation: **Remove to fresh air and rest, seek medical advice if necessary.**

In case of ingestion: **Rinse mouth with water several times, seek medical advice immediately.**

In case of skin contact: **Wipe with paper towel and immediately clean with soap and water.**

In case of eyes contact: **Immediately flush with running water for at least 15 minutes, holding the eyelids apart and seek medical advice.**



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#### 5. Fire Fighting Measures

**Suitable extinguishing media:** CO<sub>2</sub>, 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.

#### 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°C 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.



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#### 9. Physical and Chemical Properties

Form:	Aerosol
Colour:	Yellow
Odour:	Odourless
Flash point:	NA
Ignition temperature:	>300°C
Vapour pressure (20°C):	5.5 bar @ 20°C, 11.0 bar @ 50°C
Solubility with water:	Insoluble, slowly react with water during curing, evolve traces of carbon dioxide.

#### 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.

#### 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

Dispose according to local regulations.



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#### 14. Transport Information

##### By land(ADR/RID)

Name: Aerosols  
UN-number: 1950  
Class: 2  
Classification code: 5A  
Limited quantities: LQ2  
Danger label: 2.2

##### By air(ICA/IATA-DGR)

Name: Aerosols, non-flammable.  
UN-number: 1950  
Class: 2.2

##### By sea(IMDG-Code)

Name: Aerosols  
UN-number: 1950  
Class: 2  
EmS-Nr.: 2-13  
Marine Pollutant: No

#### 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 cause 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.



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#### 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 MSDS \*\*\*