



**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-501 AUTO GLASS SEALANT

#### 1. Product & Company Identification

##### 1.1 Product Detail

**Product name:** PU-501 Auto Glass Sealant  
**Physical form:** Paste  
**Odour:** Light  
**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>
Toluene	108-88-3	2-5%
Ethylbenze	100-41-4	<1.5%
Diphenylmethane-4	101-68-8	<1%

#### 3. Hazards Identification

**Ingestion:** Irritation of the mouth, throat and stomach.  
**Skin contact:** Uncured product contact will irritate lips, gums and tongue.  
Uncured product contact irritates the skin.  
**Inhalation:** May cause mild respiratory irritation.  
**Eye contact:** Uncured product contact irritates eyes.

#### 4. First-aid Measures

Take off all contaminated clothing immediately.  
**In case of inhalation:** Remove to fresh air, keep patient warm and rest, if breathing is irregular or stopped, administer artificial respiration and seek medical advice.  
**In case of ingestion:** Seek medical advice immediately.  
**In case of skin contact:** Wipe with paper towel and immediately clean with water and soap and rinse thoroughly.  
**In case of eyes contact:** Immediately flush with water for at least 10 minutes, holding eyelids apart and seek medical advice.



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#### 5. Fire Fighting Measures

**Suitable extinguishing media:** Alcohol resistant foam, CO<sub>2</sub>, powders, water spray.  
**Unsuitable extinguishing media:** Water from a jet.

**Unsuitable extinguishing media:** Water from a jet.

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 (CO<sub>2</sub>), Carbon monoxide (CO), smoke, Nitrogen oxides (NO<sub>x</sub>), chlorhydric acid etc.

#### 6. Accidental release measures

**Methods for cleaning up:** Take up mechanically.

Exclude sources of ignition and ventilate the area.

Avoid breathing vapour.

**One possible decontaminant comprises:** Water/ Ethanol or IPA/ Ammonia solution (45/50/5 by volume). Once this stage reached, close container and dispose according to local regulations.

#### 7. Handling and Storage

**Cautions:** Persons with a history of asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this preparation is used.

**Handling:** Avoid contact with eyes and skin. Ensure good ventilation during processing. Wear safety shoes.

**Protection against fire/ explosion:** Keep ignition sources away – Do not smoke.

**Storage:** Keep container tightly closed and dry, store between 5°C to 25°C.

Store in well-ventilation area. Keep away from oxidizing agent, amines, alcohol and water. CO<sub>2</sub> will be formed which in closed containers can result in pressurization. Care should be taken when reopening partly used containers.

#### 8. Exposure control/ Personal protection

**Engineering measures:** Provide adequate ventilation.

**Hand protection:** Suitable protective gloves.

**Eye protection:** Safety/ protective glasses.

**Respiratory protection:** Charcoal filter mask.

**Flammability:** Combustible.



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#### 9. Physical and Chemical Properties

Form:	Paste
Specific gravity:	1.19
Colour:	Black
Viscosity:	Not indicated.
Odour:	Light
Solubility in water:	Insoluble
Flash point:	>50°C
Boiling point:	110°C
Explosion Limits	1 Vol % - 8 Vol %
Self-ignition temperature:	450°C

Note: the above information is not intended for use in preparing specification.

#### 10. Stability and Reactivity

Chemical stability:	Stable
Incompatibility (material to be avoid):	Water
Dangerous reactions:	Reacts with alcohol, amines, aqueous acids and alkalis. Reacts with water forming carbon dioxide. Danger of receptacles busting of vapour overpressure.
Dangerous products of decomposition:	Carbon dioxide (CO <sup>2</sup> ), Carbon monoxide (CO), smoke, Nitrogen oxides (NOx), chlorhydric acid etc.

#### 11. Toxicological Information

Acute toxicity:	Not determined
Primary irritant effect, On the skin:	Irritant for skin and mucous membranes, repeated or prolonged skin contact may lead to allergic contact dermatitis.
On the eye:	Irritant effect
Sensitization:	May cause sensitization of the respiratory system leading to an asthmatic condition, wheeziness and a tightness of the chest. Repeated exposure may lead to permanent respiratory disability.

#### 12. Ecological Information

Complete information not yet available.



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#### 13. Disposal considerations

For cured sealant landfill may be suitable with respect to local regulation.  
Should be neutralized with decontaminant or let at free air for polymerization.  
One possible decontaminant comprises: Water/ Ethanol or IPA/ Ammonia solution (45/50/5 by volume). Once this stage reached, close container and dispose according to local regulations.

#### 14. Transport Information

Proper shipping name: PU-501 Auto Glass Sealant  
Hazard technical name: Not available.  
Hazard class: Not available.  
No dangerous goods under the transport regulation.

#### 15. Regulatory Information

Labeling (EC): This product is not labeled as of dangerous chemical. Contains isocyanates  
Risk Phrases: R42 May causes sensitization by inhalation.  
S2 Keep out of reach of children.  
S46 If swallowed, seek medical advice immediately and show this container or label.  
S51 Use only in well ventilated areas.

#### 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 \*\*\*