

Material Safety Data Sheet**1. MATERIAL AND COMPANY IDENTIFICATION**

Material Name : **Pennzoil Fix-A-Windshield**
Uses : Windshield repair

Manufacturer/Supplier : **ITW Global Brands**
6925 Portwest Dr., Suite 100
Houston, TX. 77024-8042
USA

MSDS Request : 1-855-888-1988

Emergency Telephone Number
Spill Information : (CHEMTREC) 1-800-424-9300, Local: 1-703-527-3887
Health Information : (RMPDC) 1-877-504-9352

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity	CAS No.	Concentration
Dodecyl methacrylate	142-90-5	95.00 - 99.00 %
Methacrylic acid	79-41-4	1.00 - 5.00 %

3. HAZARDS IDENTIFICATION

Emergency Overview	
Appearance and Odour	: Clear. Liquid. Sharp.
Health Hazards	: Irritating to eyes. Irritating to respiratory system. Irritating to skin.
Environmental Hazards	: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Health Hazards

Inhalation : Irritating to eyes, respiratory system and skin.
Skin Contact : Irritating to eyes, respiratory system and skin.
Eye Contact : Irritating to eyes, respiratory system and skin.
Other Information : Possibility of organ or organ system damage from prolonged exposure; see Chapter 11 for details. Target organ(s): Central nervous system (CNS).

Signs and Symptoms : Defatting dermatitis signs and symptoms may include a burning sensation and/or a dried/cracked appearance.

Aggravated Medical Condition : Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this material: Skin. Eyes. Respiratory system.

Environmental Hazards : Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Additional Information : Under normal conditions of use or in a foreseeable emergency,

Material Safety Data Sheet

this product meets the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

4. FIRST AID MEASURES

- General Information** : Keep victim calm. Obtain medical treatment immediately.
- Inhalation** : Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Inhalation of vapours requires immediate medical attention.
- Skin Contact** : Remove contaminated clothing. Immediately flush skin with large amounts of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.
- Eye Contact** : DO NOT DELAY. Flush eye with copious quantities of water. Obtain medical treatment immediately.
- Ingestion** : In general no treatment is necessary unless large quantities are swallowed, however, get medical advice.
- Advice to Physician** : Consult a Poison Control Centre for guidance. Dermatitis may result from prolonged or repeated exposure.

5. FIRE FIGHTING MEASURES

Clear fire area of all non-emergency personnel.

- Flash point** : > 93.3 °C / 199.9 °F
- Specific Hazards** : Not applicable.
- Suitable Extinguishing Media** : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

6. ACCIDENTAL RELEASE MEASURES

- Protective measures** : Remove all possible sources of ignition in the surrounding area. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or other appropriate barriers.
- Clean Up Methods** : Soak up residue with an absorbent such as clay, sand or other suitable material and dispose of properly.
- Additional Advice** : Observe all relevant local and international regulations.

7. HANDLING AND STORAGE

- Handling** : Use only in well-ventilated areas.
- Storage** : Keep in a cool place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Material	Source	Type	ppm	mg/m3	Notation
----------	--------	------	-----	-------	----------

Material Safety Data Sheet

Methacrylic acid	ACGIH	TWA	20 ppm		
Methacrylic acid	OSHA Z1A	TWA	20 ppm	70 mg/m3	
Methacrylic acid	OSHA Z1A	SKIN_FINAL			Can be absorbed through the skin.

- Additional Information** : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
- Exposure Controls** : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
- Personal Protective Equipment** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Respiratory Protection** : Check with respiratory protective equipment suppliers.
- Hand Protection** : Not normally required.
- Eye Protection** : Safety spectacles (safety glasses).
- Environmental Exposure Controls** : Use only in well-ventilated areas.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : Clear. Liquid.
- Odour** : Sharp.
- Initial Boiling Point and Boiling Range** : 180 °C / 356 °F
- Flash point** : > 93.3 °C / 199.9 °F
- Specific gravity** : 1.01
- Water solubility** : Insoluble.

10. STABILITY AND REACTIVITY

- Stability** : Stable under normal conditions of use.
- Conditions to Avoid** : Not applicable.
- Materials to Avoid** : Not applicable.
- Hazardous Decomposition Products** : None expected under normal use conditions.
- Hazardous Polymerisation** : No
- Sensitivity to Mechanical Impact** : No

11. TOXICOLOGICAL INFORMATION

- Basis for Assessment** : Information given is based on data from components.
- Acute Oral Toxicity** : Expected to be of low toxicity: LD50 >2000 mg/kg , Rat
Ingestion may cause drowsiness and dizziness.
- Acute Dermal Toxicity** : Expected to be of low toxicity: LD50 >2000 mg/kg , Rabbit
- Acute Inhalation Toxicity** : Expected to be of low toxicity: LC50 >20 mg/l Rat
High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea;

Material Safety Data Sheet

- continued inhalation may result in unconsciousness and/or death.
- Skin Irritation** : Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis. Irritating to eyes and skin.
- Eye Irritation** : Expected to be slightly irritating.
Irritating to eyes.
- Respiratory Irritation** : Inhalation of dust may cause respiratory irritation. Inhalation of vapours or mists may cause irritation to the respiratory system.
- Sensitisation** : Not a skin sensitiser.
- Repeated Dose Toxicity** : High exposures can cause drowsiness and dizziness. Central nervous system: repeated exposure affects the nervous system. Effects were seen at high doses only.
- Mutagenicity** : Not considered a mutagenic hazard.
- Carcinogenicity** : Not a carcinogen.
-
- Reproductive and Developmental Toxicity** : Not expected to be a developmental toxicant.

12. ECOLOGICAL INFORMATION

Ecotoxicological data have not been determined specifically for this product.

- Acute Toxicity** : Expected to be toxic:
- Mobility** : Disperses in water.
- Persistence/degradability** : Data not available
- Bioaccumulation** : Data not available
- Other Adverse Effects** : Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

13. DISPOSAL CONSIDERATIONS

- Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
- Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

14. TRANSPORT INFORMATION

US Department of Transportation Classification (49CFR)

This material is not subject to DOT regulations under 49 CFR Parts 171-180.

IMDG

This material is not classified as dangerous under IMDG regulations.

IATA (Country variations may apply)

Material Safety Data Sheet

This material is not classified as dangerous under IATA regulations.

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS

All components listed or polymer exempt.

TSCA

All components listed.

DSL

All components listed.

SARA Hazard Categories (311/312)

Immediate (Acute) Health Hazard. Delayed (Chronic) Health Hazard.

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

New Jersey Right-To-Know Chemical List

Methacrylic acid (79-41-4)

Listed.

Listed.

Pennsylvania Right-To-Know Chemical List

Methacrylic acid (79-41-4)

Listed.

Listed.

16. OTHER INFORMATION

NFPA Rating (Health, Fire, Reactivity) : 2, 1, 0

MSDS Version Number : 1.0

MSDS Effective Date : 08/04/2008

Material Safety Data Sheet

- MSDS Revisions** : A vertical bar (|) in the left margin indicates an amendment from the previous version.
- MSDS Regulation** : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
- MSDS Distribution** : The information in this document should be made available to all who may handle the product.
- Disclaimer** : The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.