

MATERIAL SAFETY DATA SHEET

MMA GP Silicone Sealant

1. PRODUCT AND COMPANY IDENTIFICATION

Product Details

Product Name : MMA GP Silicone sealant
Product Code : MMA GP
Recommended Use : General Purpose Silicone Sealant
Company Details

Company Name : MMA Silicone

Address : P. O. Box: 216, Al Mouj, P.C. 138, Sultanate of Oman
Phone Number : +968 79139573
E-mail ID : info@mmasilicone.com
Website : www.mmasilicone.com

Emergency Telephone Number : +968 79139573

2. HAZARDS IDENTIFICATION

Emergency Overview : This product is an acetoxyl sealant and may cause irritation to eyes, skin, and respiratory system. Avoid contact with eyes, skin, and clothing. Use in a well-ventilated area.
Hazard Classification : Non-hazardous substance or mixture. Non-dangerous goods.
Hazard Statement : Overexposure by inhalation may be harmful.
Safety Phrases : Use only in well-ventilated areas.
Potential Health Effects
Skin Contact : May cause irritation, redness, and tearing.
Eye Contact : May cause irritation, redness, and dryness
Ingestion : Not expected to be a primary route of exposure.
Inhalation : May cause respiratory irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

General chemical description: Moisture-curing acetoxysilicone sealant

CAS No.	%W	CHEMICAL NAME
17689-77-9	1 – 5	Ethyltriacetoxysilane
4253-34-3	1 – 5	Methyltriacetoxysilane
70131-67-8	40 – 60	Polydimethylsiloxane, hydroxyl terminated
112945-52-5	5 – 10	Silicone dioxide, amorphous
64742-46-7	10– 20	Distillates (petroleum)

4. FIRST AID MEASURES

Inhalation	: Remove to fresh air. If breathing difficulties occur, seek medical attention.
Skin Contact	: Wash skin with soap and water. Seek medical attention if irritation persists.
Eye Contact	: Rinse eyes with water for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion	: Do not induce vomiting. Seek medical attention immediately.
Note to Physician	: Treatment is symptomatic.

5. FIRE FIGHTING MEASURES

General Fire Hazards	: This product is not flammable. No unusual fire hazards noted.
Suitable Extinguishing Media	: CO2 foam and dry chemical powder. Use suitable fire extinguishing media for surrounding materials.
Unsuitable Extinguishing Media	: Do not use water jet as an extinguisher.
Specific Hazards Arising from the Mixture	: During fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) can be released.
Fire Fighting Procedures	: Self-contained breathing apparatus should be worn with full face mask and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment and Emergency procedures : Avoid contact with skin and eyes. Ensure adequate ventilation.

Environment precautions : Do not let product to enter water sources, sewers and drains. Notify authorities in the event of major spillages in accordance to local regulations.

Containment and Clean Up Procedures : Avoid contact with skin and eyes. Use absorbent material to contain and clean up spills. Dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling : Avoid contact with eyes, skin, and clothing. Use in a well-ventilated area

Storage Guidelines for Materials

1. **Packaging** : Store materials in their original, tightly sealed packaging to maintain integrity.
2. **Environment** : Keep materials in a dry and well-ventilated area. Maintain a stable room temperature of 25°C.
3. **Protection** : Ensure materials are kept away from direct sunlight. Protect them from exposure to dust, moisture, corrosive substances, and solvent fumes or vapors

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient Comments : Acetic acid is evolved upon contact with water or humid air. Ensure adequate ventilation to control exposure levels.

Engineering Controls : Use the material in a well-ventilated area. Local exhaust is preferred.

Respiratory Protection : Use an appropriate respirator unless local exhaust ventilation effectively controls exposure.

Hand Protection : Wear impermeable chemical protective gloves when handling to prevent skin contact.

Eye Protection : If there is a risk of splashing, wear safety goggles with side shields to protect eyes from exposure.

Other Protective equipment : Wear suitable protective clothing (e.g., aprons) to guard against splashes and contamination of skin and clothing.

Work/Hygienic Practices : When using this material, avoid eating, drinking, or smoking. Be sure to wash your hands thoroughly at the end of each work shift and before eating. Remove and wash any contaminated shoes and clothing thoroughly before reusing them.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : Non-sag paste
Colour : Clear & Colored

Properties

Oduor : Acetic acid odour
pH : Not determined
Specific Gravity @ 25°C : 0.95 + 0.02
Boiling Point (°C) : Not determined
Melting Point : Not determined
Evaporation Rate : Not established
Flash Point : Not established
Solubility in Water @ 25°C : Insoluble
Shelf Life : 12 months at ambient temperature

10. STABILITY AND REACTIVITY

Stability : The material is stable under normal temperature conditions.
Reactivity : Polymerizes in the presence of water or moisture.
Prohibited Condition : Avoid exposure to excessive heat for prolonged periods.
Incompatible Materials : Avoid contact with strong oxidizing agents.
Hazardous Thermal Decomposition Product : During a fire or at extremely high temperatures, thermal decomposition may release carbon dioxide and other toxic gases or vapors.
Hazardous Polymerization : Unknown.

11. TOXICOLOGICAL INFORMATION

Possible Health Effects

Acute

Skin	: May cause mild irritation.
Eye	: Direct contact may cause mild irritation.
Inhalation	: May cause mild irritation to respiratory passages.
Ingestion	: Not an anticipated route of exposure at normal use.

Chronic

Skin	: No data available.
Eye	: No data available.
Inhalation	: No data available.
Ingestion	: No data available.

12. ECOLOGICAL INFORMATION

Mobility	: Cured material is not mobile.
Bio-accumulative Property	: Does not bioaccumulate.
Ecotoxicity	: No adverse effects on aquatic organisms are predicted. Do not empty into drains and water sources.
Biodegradability	: Non-biodegradable.

13. DISPOSAL CONSIDERATIONS

Product Disposal	: Dispose waste at an appropriate treatment and disposal facility in accordance to local and national regulations.
Disposal of Un-cleaned	: After use, tubes and bottles containing residue of product should be disposed of as chemically Packages contaminated waste according to local and national regulations.

14. TRANSPORT INFORMATION

UN Number	: Not applicable.
IATA Classification	: Not regulated.
IMDG Classification	: Not regulated.
Special Precautions Re-carriage	: None.
Packing Group	: Not applicable.
Class	: Not applicable.
Proper Shipping Name	: Not applicable.

15. REGULATORY INFORMATION

Risk Phrases	: Not Classified.
Safety Phrases	: Wear suitable protective clothing, gloves and eye/face protection
Chemical Safety Assessment	: Not regulated.

16. OTHER INFORMATION

General Information	: This product should be used as directed. For further information, please consult product data sheets and application information bulletin for this product.
Further Information	: The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate health and safety precaution, and hazard information. It does not represent a guarantee of the properties of product.