



GHS SAFETY DATA SHEET

GLASS & AQUARIUM

SILICONE SEALANT

SECTION 1 – PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Glass & Aquarium Silicone Sealant
SUPPLIER: HP ADHESIVES PRIVATE LIMITED

PRODUCT USE: Used for Filling Joints, Sealing and Glazing
ADDRESS: G-11 Unique House, Chakala Road,
Andheri (E), Mumbai 400099. INDIA
T: +91 22 2932 4739 F: +91 22 2834 9596
MEDICAL: Tel. 800.451.8346, 760.602.8703 3E Company (International)

EMERGENCY: Transportation: CHEMTEL Tel. 800.255-3924, 813-248-0585 (International)

SECTION 2 – HAZARDOUS IDENTIFICATION

Classification of the substance or mixture: Not a hazardous substance or mixture.

Label elements: No labeling according to GHS required. However labeling instructions and Safety Data Sheet available on request.

Other hazards: No data available

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS No.	% WT Compositions
Silanol Terminated Poly Dimethyl Siloxane (OH Polymer)	70131-67-8	50 – 70
Hydrocarbons	64742-46-7	25 – 45
Fumed Silica A 150	112945-52-5	8 – 15
Propyltriacetoxysilane	17865-07-5	4 – 9
Methyl Tris(Methyl Ethyl Ketoxime) Silane	22984-54-9	4 - 9

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4 – FIRST AID MEASURES

Contact with eyes: Flush eyes immediately with plenty of water for 15 minutes and seek medical advice immediately.
Skin contact: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If irritation develops, seek medical advice.
Inhalation: Remove to fresh air. If breathing is stopped, give artificial respiration. If breathing is difficult, give oxygen. Seek medical advice.
Ingestion: Rinse mouth with water. Give 1 or 2 glasses of water or milk to dilute. Do not induce vomiting. Seek medical advice immediately.
Likely Routes of Exposure: Inhalation, Eye and Skin Contact

SECTION 5 – FIREFIGHTING MEASURES

Flammability *Non-Flammable at ambient condition* **FLAMMABLE PROPERTIES**
Auto ignition temperature *No Data Available* **Flammable Limits – UEL.** *No Data Available*
Flash Point *Not applicable*
Flammable Limits – LEL *No Data Available*

EXTINGUISHING MEDIA

Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide, foam etc. water spray).

Special Fire Fighting Procedures: Water can be used to keep fire-exposed containers and surfaces cool and prevent explosive rupture. Water may be used to blanket the fire. Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: Closed containers exposed to heat from fire may build pressure and explode

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal Precaution: Avoid skin and eye contact. Avoid breathing vapors Keep container closed. **Environmental Precautions:** Do not allow large quantities to enter drains and surface waters **Accidental Release Measures:** Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Remove all ignition sources such as flames, smoking materials, and electrical spark sources. Use only non-sparking tools. Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a toxic, corrosivity or flammability hazard. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Collect the resulting residue containing solution. Place in a metal container approved for transportation by appropriate authorities. Seal the container. Dispose of collected material as soon as possible. **Personal precautions, protective equipment and emergency procedures:** Secure the area. Wear personal protection equipment (see section 8). Keep unprotected persons away. Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. If material is released indicate risk of slipping. Do not walk through spilled material. **Environmental precautions:** Prevent material from entering surface waters, drains or sewers and soil. Close leak if possible without risk. Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers. Inform authorities if substance leaks into surface waters, sewerage or ground.



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Methods and material for containment and cleaning up: Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction. **Further information:** Exhaust vapours. Eliminate all sources of ignition. Consider explosion protection. Observe notes under section 7. **Reference to other sections:** Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

SECTION 7 – HANDLING AND STORAGE

HANDLING

Keep out of the reach of children. Use with adequate ventilation. Avoid eye contact with vapors. Avoid skin contact. Avoid breathing of vapors and don't take internally. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep away from heat, sparks, open flame, pilot lights and other sources of ignition. Avoid contact with oxidizing agents. Exercise good industrial hygiene practice.

STORAGE

Keep container in well-ventilated area. Keep container tightly closed. Store out of direct sunlight, heat, and keep away from oxidizing agents. Keep the product closed and store away from water and moisture.

SECTION 8 - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

Eye/Face Protection

Avoid eye contact with vapors, mists, or spray. The following eye protection(s) are recommended: Safety Glasses with side shields, Indirect Vented Goggles.

Skin Protection

Avoid skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Chemical protective gloves are recommended. Wash at meal time and the end of the shift. Contaminated clothing should be removed as soon as possible.

Respiratory Protection

Avoid breathing of vapors, mists or spray. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations. (Air-purifying respirator with organic vapor cartridges and N95 particulate pre-filters)

Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form	:	Paste
Color	:	White, Cream, Brown, Grey, Black, Beige, Cream & Clear Translucent
Odor	:	Acetic acid smell (smell of vinegar)
Specific Gravity	:	≤ 1.20
General Physical Form	:	Thixotropic Gel consistency
Auto ignition temperature	:	Not determined
Flash Point	:	Not applicable
Flammable Limits – LEL	:	No Data Available
Flammable Limits – UEL	:	No Data Available
Boiling point	:	Not determined
pH	:	No Data Available
Melting point	:	No Data Available
Solubility in Water	:	Not determined
Evaporation rate	:	No Data Available
Explosive properties	:	No

SECTION 10 - STABILITY AND REACTIVITY

Stability	:	Stable.
Conditions to Avoid	:	None
Materials to Avoid	:	Strong oxidizing agents, water moisture, and humid air can cause hazardous vapors to foam
Additional Information	:	Storage at elevated temperatures will shorten shelf life.
Hazardous Polymerization	:	Hazardous polymerization will not occur.
Decomposition Products	:	On decomposition oxides of carbon, hydrogen, Silicon and formaldehyde at temperatures above about 150°C (302°F)

SECTION 11 - TOXICOLOGICAL INFORMATION

Ecotoxicological Information	:	Solid material and insoluble in water. No adverse effects are predicted
Environmental Effects	:	No adverse effects are predicted and no bio accumulation potential



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SECTION 12 - ECOLOGICAL INFORMATION

Waste Disposal Method: Dispose of waste product and packing materials in a permitted hazardous waste facility. Local regulation is applicable, consult regulation authorities before disposal. Depending on the regulations waste treatment methods may include eg: Land fill or incineration.

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or reused. Uncleaned containers should be treated with the same precautions as the materials.

RCRA Hazard Class (40 CFR 261)

SECTION 13 - WASTE DISPOSAL CONSIDERATIONS

Waste treatment methods: Material that cannot be used, reprocessed or recycled should be disposed of in accordance with Federal, State, and local regulations at an approved facility. Depending on the regulations, waste treatment methods may include, e.g., landfill or incineration.

Uncleaned packaging: Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

SECTION 14 - TRANSPORT INFORMATION

Not regulated for transport.

DOT Road Shipment Information (49 CFR 172.101)

By Road / Rail (RID / ADR) : Not restricted

Not subject to IMDG code

By Sea (IMO/IMDG) : Not restricted

Not subject to IATA regulations

By Air (ICAO-IATA) : Not restricted

The above regulatory prescription is those valid on the date of publication of this sheet. Given the possible evolution of transport regulation for hazardous materials, it would be advisable to check their validity with your sales office.

SECTION 15 - REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication **Standard 29 CFR 1910.1200**

TSDA Status: All chemical substances in this material are included on or exempted from listing on the TSCA inventory of Chemical Substances.

EPA SARA TITLE III CHEMICAL LISTINGS

Section 302 Extremely Hazardous Substances (40 CFR 355) : None.

Section 304 CERCLA Hazardous Substances (40 CFR 302) : None.

Section 311/312 Hazard Class (40 CFR 370) :

Acute : Yes
Chronic : No
Fire : No

SECTION 16 - OTHER INFORMATION

Specification Information:

Department issuing data sheet: HP ADHESIVES PRIVATE LIMITED Quality Control All ingredients are compliant with the requirements of the European

E-mail address: <qc@hpint.in> Directive on RoHS (Restriction of Hazardous Substances).

Training necessary: Yes, training in practices and procedures contained in product literature.

Reissue date / reason for reissue: 4/7/2015 / Updated GHS Standard Format

Intended Use of Product: Used for filling joints, sealing and glazing

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.



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