



ANCHOR ALLIED FACTORY LTD.

MFG. OF SELF-ADHESIVE TAPES, SILICONE & ACRYLIC SEALANTS, SPRAY PAINTS AND CAR CARE PRODUCTS
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MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **ASMACO HI-TEMP SILICONE**

MANUFACTURER: ANCHOR ALLIED FACTORY LIMITED

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USE: Used for making joints, sealing and glazing

SECTION 2: INGREDIENTS

INGREDIENTS	CAS No.	% WT COMPOSITION	
		Colored	Transparent
Poly Dimethyl Siloxane	19158-82-8	40 – 70	40 – 80
Titanium Dioxide	13463-67-7	10 – 20	--
Amourphous Silca	112945-52-5	5 -10	10 -15
Pigment	51274-00-1	5 – 10	--
Alkyl tri acetoxxy Silane	4253-34-3 / 17689-77-9	1 – 7	1 – 10
Hydrotreated middle Petroleum Distillates	64742-46-7	0-47	0-47

Further information: During use acetic acid is released

SECTION 3: HAZARDS IDENTIFICATION

Eye Contact: Moderate Eye Irritation: Signs/symptoms may include redness, tears, but not significant effect.

Inhalation: Irritates respiratory passages very slightly. Prolonged contact may cause drying of skin and may result in skin irritation and dermatitis

Skin Contact: Mild Skin Irritation

Ingestion: Low ingestion hazard in normal use. Repeated ingestion or swallowing large amounts may cause internal injury

SECTION 4: FIRST AID MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact:	Flush eyes with large amounts of water for 15 minutes. Get medical attention.
Skin Contact:	Wash affected area with soap and water. If signs/symptoms develop, get medical attention.
Inhalation:	Remove person to fresh air. If signs/symptoms develop, get medical attention.
If Swallowed:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get immediate medical attention.

SECTION 5: FIREFIGHTING MEASURES

FLAMMABLE PROPERTIES

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

EXTINGUISHING MEDIA

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

PROTECTION OF FIRE FIGHTERS

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: 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.

SHELF LIFE Nine months if stored in unopened original container away from heat, direct sunlight and moisture at a temperature not more than 25C.

SECTION 7: 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, corrosive nature 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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Engineering Controls: Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits and/or control mist, vapor, or spray. If ventilation is not adequate, use respiratory protection equipment.

PERSONAL PROTECTIVE EQUIPMENT (PPE) 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:	<i>Paste</i>
Color:	<i>White, Cream, Brown, Grey, Black Beige, Cream & Clear translucent</i>
Odor:	<i>Acetic acid smell (smell of vinegar)</i>
Specific Gravity:	<i>1.00(Approximate)</i>
General Physical Form:	<i>Thixotropic Gel consistency</i>
Auto ignition temperature:	<i>Not determined</i>
Flash Point:	<i>Not applicable</i>
Flammable Limits – LEL:	<i>No Data Available</i>
Flammable Limits – UEL:	<i>No Data Available</i>
Boiling point:	<i>Not determined</i>
pH:	<i>No Data Available</i>
Melting point:	<i>No Data Available</i>
Solubility in Water:	<i>Not determined</i>
Evaporation rate:	<i>No Data Available</i>
Explosive properties:	<i>No</i>

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

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL

Remarks: No data available

ACUTE DERMAL

Remarks: No data available

ACUTE INHALATION

Remarks: No data available

OTHER

Remarks: No data available

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Solid material and insoluble in water. No adverse effects are predicted

Environmental Effects: No adverse effects are predicted and no bioaccumulation potential

SECTION 13: DISPOSAL CONSIDERATION

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

SECTION 14: TRANSPORT INFORMATION

Not regulated for transport.

By Road / Rail (RID / ADR):	Not restricted
By Sea (IMO/IMDG):	Not restricted
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

Inventories

Canada DSL Inventory	y (Positive listing)
Japan Inventory of Existing & New Chemical Substances (ENCS)	y (Positive listing)
Korea Existing Chemicals Inventory (KECI)	y (Positive listing)
China Inventory of Existing Chemical Substances	y (Positive listing)
Australia Inventory of Chemical Substances (AICS)	y (Positive listing)

Philippines Inventory of
Chemicals and Chemical Substances (PICCS)

y (Positive listing)

TSCA list

y (Positive listing) On TSCA Inventory

EU list of existing chemical substances

y (Positive listing)

Canada NDSL Inventory

n (Negative listing)

US Regulatory Information

SARA (311,312) HAZARD CLASS

Acute Health Hazard; Chronic Health Hazard

SARA (313) CHEMICALS

Canadian Regulatory Information

WHMIS HAZARD CLASS

D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

Other

SCHDLE B/HTSUS: 3214.10.00.10 Mastic based on rubber

ECCN: EAR99

CALIFORNIA PROPOSITION 65

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

SECTION 16: OTHER INFORMATION

The components of this product are in compliance with the chemical notification requirements of TSCA.

Registration Numbers: These polymers are not concerned by the EINECS inventory. All the other constituents of this product are registered in the EINECS inventory.

DISCLAIMER

The information in this Material Safety Data Sheet (MSDS) is believed to be correct as of the date of issue. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given for implied to practice any patented invention without a license. User is responsible for determining whether the ASMCO product is fit for a particular purpose and suitable for user's method of use or application. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazard inherent in the nature of the product. This product must be stored, handled and used in compliance with current regulation and laws. Furthermore, the specifications and description herein cannot be used to void a contract.