

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product:</b> TG-1, TG-1A <b>Manufacturer:</b> AGS Company <b>Street Address:</b> 2651 Hoyt St <b>City/ State/ Zip:</b> Muskegon Hts., MI 49444 <b>Phone:</b> 800-253-0403 <b>Phone:</b> 231-733-2101 <b>FAX:</b> 231-733-1784 <b>Transportation Emergency:</b> CHEM-TEL <b>Phone:</b> 800-255-3924	<b>Trade Name:</b> Gasket Sealer <b>Common Name:</b> RTV Silicone  <b>Original Issue Date:</b> 8/28/1989 <b>Revision No.:</b> 6 <b>Date:</b> 12/10/2012
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### SECTION 2 - COMPOSITION/ INFORMATION ON INGREDIENTS

ITEM		CAS NUMBER	WT/WT %
1	Triacetoxo ethylsilane	17689-77-9	1-5
2	Triacetoxo methylsilane	4253-34-3	1-5
3	Acetic Acid*	64-19-7	**

Note: Acetic Acid is formed during cure up to ~ 5 % by weight.

#### EXPOSURE LIMITS

ITEM	ACGIH		OSHA	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING
1	N.E.	N.E.	N.E.	N.E.
2	N.E.	N.E.	N.E.	N.E.
3	25 mg/m <sup>3</sup>	37 mg/m <sup>3</sup>	25 mg/m <sup>3</sup>	N.E.

(See Section 16 for abbreviation legend)

### SECTION 3 - HAZARDS IDENTIFICATION

**EYE CONTACT:** Vapors may be irritating and can cause pain, tearing, reddening and swelling.

**SKIN CONTACT:** Prolonged or repeated contact may result in irritation.

**INHALATION:** Vapors may be irritating to respiratory tract.

**INGESTION:** This material may be harmful if swallowed.

**CHRONIC HAZARDS:** There are no foreseeable uses of the product that would lead to chronic exposure.

Primary Route(s) of Entry Skin and eye contact or ingestion.

### SECTION 4 - FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN CONTACT:** Immediately flush with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately before reuse.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

**INGESTION:** Get medical attention immediately. If swallowed, DO NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

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SECTION 5 - FIRE FIGHTING MEASURES

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FLASH POINT: N.D. LOWER EXPLOSIVE LIMIT: N.D. %  
UPPER EXPLOSIVE LIMIT: N.D. %

AUTOIGNITION TEMPERATURE: N.D.

EXTINGUISHING MEDIA: FOAM, CO<sub>2</sub>, DRY CHEMICAL, WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

SPECIAL FIREFIGHTING PROCEDURES: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective gear. Water spray may be utilized to cool containers.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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RECOVERY PROCEDURES: Scrape up material and place in a chemical waste container.

SECTION 7 - HANDLING AND STORAGE

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HANDLING: Wash thoroughly after handling

STORAGE: Store in a cool, dry ventilated area away from heat, sparks and flame.  
Keep containers closed when not in use.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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ENGINEERING CONTROLS: Use in well ventilated area. Local exhaust could be utilized to remove fumes.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed, however, if high vapor concentration should develop, use a NIOSH approved organic vapor respirator.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash in work area.

HYGIENIC PRACTICES: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in a well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid prolonged or repeated contact with eyes, skin, and clothing.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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BOILING RANGE	N.D.	VAPOR DENSITY:	N.D.
ODOR	Vinegar	ODOR THRESHOLD	N.D.
APPEARANCE	Blue	EVAPORATION RATE	N.D.
SOLUBILITY IN H <sub>2</sub> O	negligible	VOC	N.D.
FREEZE POINT	N.D.	SPECIFIC GRAVITY	1.032
VAPOR PRESSURE	N.D.	pH @ 5.0%	N.A.
PHYSICAL STATE	Semi-solid/paste	VISCOSITY:	N.D.
COEFFICIENT OF WATER / OIL DISTRIBUTION: NEGLIGIBLE (See Section 16 for abbreviation legend)			

SECTION 10 - STABILITY AND REACTIVITY

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CONDITIONS TO AVOID: Sources of ignition.

INCOMPATIBILITY: Strong acid or alkali, oxidizers and amines.

HAZARDOUS DECOMPOSITION PRODUCTS: In excess of 300 °F in the presence of air formaldehyde vapors are formed. Acetic acid is generated during cure.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions

STABILITY: This product is stable under normal storage conditions.



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U.S. STATE REGULATIONS: AS FOLLOWS -

## NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
Dimethyl siloxane, hydroxy-terminated	70131-67-8
Silica, amorphous	7631-86-9

## PENNSYLVANIA RIGHT-TO-Know

The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER
Dimethyl siloxane, hydroxy-terminated	70131-67-8
Silica, amorphous	7631-86-9

## CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are know to the state of California to causes cancer, birth defects or other reproductive harm.

CHEMICAL NAME	CAS NUMBER
No Proposition 65 chemicals exist in this product.	

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: Class D Division 2 Subdivision B: Toxic Material

WHMIS LABEL: Packaged under Consumer Chemicals and Container Regulations.

**SECTION 16 - OTHER INFORMATION**

HMIS RATINGS:	Health	2	Flammability	1	Phys. Haz.	0	PPE	A
NFPA	Health	2	Flammability	0	Reactivity	1		

VOLATILE ORGANIC COMPOUNDS (VOCs): NA

LEGEND:	N.A.	Not Applicable	N.E.	Not Established
	N.D.	Not Determined		

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