

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET**  
**MECHANIC'S HELPER / 1286**  
**SEPTEMBER 2009**  
**PAGE 1**

HEALTH	1
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical and Company Identification**

**CASE NO.:** MIXTURE      **GENERAL DESCRIPTION:** SILICONE

**SECTION 2 – Composition on Ingredients**

COMPONENT	CAS #	WT %	EXPOSURE LIMITS
Methyltriacetoxysilane	004253343	2	Observe limits. Acetic acid formed during curing exposure to water or humid air. OSHA PEL: TWA 10 PPM; ACGIH TLV: TWA 10 PPM; STEL: 15 PPM; OSHA PEL: TWA 20 MG/M3 TOTAL DUST.
Silica, Amorphous	007631869	10	
Ethyltriacetoxysilane	017689779	2	

**SECTION 3 – Hazards Information****EFFECTS OF OVEREXPOSURE:**

**EYE:** Direct contact irritates slightly to moderately with redness and swelling.

**SKIN:** A single short exposure (less than 24 hours) may irritate. Repeat prolonged contact (24 to 48 hours) may irritate moderately.

**INHALATION:** Vapor overexposure may irritate eyes, nose and throat.

**ORAL:** Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amount may cause digestive discomfort.

**COMMENTS:** No injury from silica dust should occur during reasonable use. If use creates respirable particles, some respiratory system injury may occur. This product, as with any chemical, may enhance allergic conditions on certain people. We do not know of any medical conditions that might be aggravated by exposure to this product.

**SECTION 4 – First Aid Measures**

**INGESTION:** No first aid should be needed.

**SKIN:** Wipe off and flush with water.

**INHALATION:** Remove to fresh air.

**EYES:** flush eyes with water for 15 minutes. Get medical attention if irritation develops.

**COMMENT:** None.

**SECTION 5 – Fire Fighting Measures**

**FLASH POINT (Closed Cup):** Above 212°F/100°C

**AUTOIGNITION:** Not determined

**FLAMMABILITY LIMITS IN AIR:** Lower: N/D Upper: N/D

**EXTINGUISHING MEDIA:** Carbon Dioxide (CO<sub>2</sub>), Water fog, Dry Chemical, Foam.

**SPECIAL FIRE FIGHTING PROCEDURES:** Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Not known.

**COMMENTS:** Not determined.

**SECTION 6 – Accidental Release Measures**

**ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Remove product and contain for salvage or disposal.

**SECTION 7 – Handling and Storage**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store below 90°F/32°C. Keep container closed when not in use. Other precautions: None known.

**COMMENTS:** None

**SECTION 8 – Exposure Controls/Personal Protection**

**INHALATION:** Use respiratory protections unless local exhaust ventilation is adequate or air sampling data show exposures are within TLV and PEL guidelines.

**SUITABLE RESPIRATOR:** Acid Gas/Organic vapor type.

**SKIN:** Washing at mealtime and end of shifts is adequate. Remove contaminated clothing and shoes as soon as practical and clean thoroughly before reuse. Rubber or plastic gloves are recommended.

**EYES:** Use proper protection -safety glasses, at a minimum.

**VENTILATION:** Local exhaust: May be needed. Mechanical (General): Recommended.

These precautions are for room temperature handling. Use at elevated temperatures, or aerosol/spray applications may require added precautions. \* Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking.

**SECTION 9 – Physical and Chemical Properties**

**PHYSICAL FORM:** Paste

**ODOR:** Acetic acid odor

**BOILING POINT**

**(@760 mmHg):** Not applicable

**MELTING POINT:** Not applicable

**VAPOR DENSITY**

**(air=1@25°C):** >1

**Note:** The above information is not intended for use in preparing product specifications.

**COLOR:** Black

**SPECIFIC GRAVITY @ 25°C:** 1.04

**% VOLATILE BY WT:** <5%

**SOLUBILITY IN WATER:** <0.1%

**VAPOR PRESSURE @ 25°C:** <5mm

**EVAPORATION RATE (ether=1)** Not applicable

**SECTION 10 – Stability and Reactivity**

**STABILITY:** Stable

**INCOMPATIBILITY (material to avoid):** Oxidizing material can cause a reaction. Air or moisture causes curing and acetic acid vapors to form.

**CONDITIONS TO AVOID:** Exposure to air or moisture until ready to use.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Silicone dioxide, carbon dioxide, and traces of incompletely burned carbon products.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Not applicable

**COMMENTS:** None

**SECTION 11 – Toxicological Information**

No data available.

**SECTION 12 – Ecological Information**

No data available.

**SECTION 13 – Disposal Consideration**

**DISPOSAL METHOD:** Pro Chem suggests that all local, state and federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Contact Pro Chem if there are any disposal questions.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
ALPHARETTA, GA 30004  
EMERGENCY/INFO # (800) 241-8180  
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET**  
**MECHANIC'S HELPER / 1286**  
**SEPTEMBER 2009**  
**PAGE 2**

HEALTH	1
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 14 – Transport Information**

**PROPER SHIPPING NAME (49 CFR 172.101):** None  
**DOT HAZARD NAME (CFR 172.101) :** None  
**DOT ID NUMBER (49 CFR 172.101) :** None  
**DOT HAZARD CLASS(49 CFR 172.101):** None

**SECTION 15 – Regulatory Information**

**RCRA HAZARD CLASS (40 CFR 261)(IF DISCARDED) :** None  
**EPA PRIORITY POLLUTANTS (40 CFR 122.53) :** None  
**NFPA (NATIONAL FIRE PROTECTION ASSOCIATION) – 704:**  
HEALTH (NFPA):1 FLAMMABILITY (NFPA):1 REACTIVITY (NFPA):0  
D.O.T. (49 CFR 171.8) /EPA (40 CFR 117) Spill reporting information  
HAZARDOUS SUBSTANCE: None  
REPORTABLE QUANTITY: Not applicable  
REPORTABLE QUANTITY OF PRODUCT: Not applicable  
COMMENTS: None

**SECTION 16 – Other Information**

Additional information: These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is made.  
The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
**NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED WITH USE.**