

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**ALUMI-SEAL / 1283****DECEMBER 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

PRODUCT IDENTIFICATION: 100% RTV Silicone: Aluminum
CHEMICAL NAME: Silicone Sealant
CHEMICAL FAMILY: Silicone Sealant
FORMULA: Mixture

SECTION 2 – Composition on Ingredients

COMPONENT	CAS #	WT %	EXPOSURE LIMITS
Dimethyl siloxane, hydroxyterminated	70131-67-8	>60.0	See acetic acid comments.
Silica, Amorphous	7631-86-9	7.0-13.0	Observe particulates limits. OSHA PEL: TWA 15 mg/m ³ total dust, 5 mg/m ³ respirable fraction. ACGIH TLV: TWA 100 mg/m ³ total dust.
Ethyltriacetoxysilane	17689-77-9	1.0-5.0	

SECTION 3 – Hazards Information**PRINCIPLE ROUTES OF EXPOSURE:** Eyes, Inhalation**ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:**

INGESTION: May cause gastric distress.
SKIN CONTACT: Uncured product contact will irritate lips, gums, tongue and skin.
INHALATION: Causes mild respiratory irritation.
EYE CONTACT: Uncured product contact irritates eyes.

MEDICAL CONDITIONS AGGRAVATED: None known.**OTHER:** Acetic acid released during curing.**CHRONIC EFFECTS OF OVEREXPOSURE:** None known.**SECTION 4 – First Aid Measures**

INGESTION: No first aid should be needed.
SKIN: To clean from skin, remove completely with a dry cloth or paper towel before washing with detergent and water. Get medical attention if irritation develops.
INHALATION: Remove to fresh air.
EYES: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

NOTE TO PHYSICIAN: None known.**SECTION 5 – Fire Fighting Measures**

FLASH POINT (Closed Cup): 212°F/>100°C
AUTOIGNITION: Not determined
FLAMMABILITY LIMITS IN AIR: Not determined
EXTINGUISHING MEDIA: Carbon Dioxide (CO₂). Water. Water fog (or spray). Dry Chemical. Foam.
UNSUITABLE EXTINGUISHING MEDIA: None
FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. If large amount is involved, evacuate area.
UNUSUAL FIRE HAZARDS: None.
THERMAL BREAKDOWN OF THIS PRODUCT DURING FIRE OR VERY HIGH HEAT CONDITIONS MAY EVOLVE THE FOLLOWING HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur Oxides. Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Iodine compounds. Formaldehyde.
IF CONTAINER IS AN AEROSOL PRODUCT: Treat as compressed gas: extinguishing media – CO₂, Dry Chemical, Water Fog.

SECTION 6 – Accidental Release Measures

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Wipe or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.

SECTION 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid contact with skin and eyes. CAUTION! Wearers of contact lenses must not handle lenses until all sealant has been cleaned from fingertips; residual silicone will transfer to lenses and cause severe eye irritation.
Product releases acetic acid during application and curing.
Use mechanical ventilation to stay below TLV of 10 PPM acetic acid.
Uncured product contact irritates eyes.
Uncured product contact irritates skin.
Use in a well ventilated area to prevent irritation by vapors.

SECTION 8 – Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Eyewash stations.
RESPIRATORY PROTECTION: Use in a well ventilated area.
PROTECTIVE GLOVES: Cloth gloves.
EYE AND FACE PROTECTION: Safety glasses.
OTHER PROTECTIVE EQUIPMENT: None known.
VENTILATION: Use only in well ventilated area.

SECTION 9 – Physical and Chemical Properties

PHYSICAL FORM: Paste
ODOR: Acetic acid odor
VISCOSITY: Not applicable
BOILING POINT: Not applicable
VAPOR DENSITY: Not applicable
pH: Not applicable
COLOR: Aluminum
SPECIFIC GRAVITY @ 25°C: 1.04
FREEZING/MELTING POINT: Not determined
VAPOR PRESSURE @ 25°C: Not applicable
SOLUBILITY IN WATER: None
VOLATILE CONTENT: Not applicable

Note: The above information is not intended for use in preparing product specifications.**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 prod.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: Not applicable
COMMENTS: None

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.

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SECTION 11 – Toxicological Information

TOXICITY: **Product Information
ACUTE ORAL LD50: >10,000 MG/KG
ACUTE DERMAL LD50: None found MG/KG
ACUTE INHALATION LC50: None found.
OTHER: None known.
AMES TEST: Unknown.
PRODUCTS/INGREDIENTS: None known

SECTION 12 – Ecological Information

No data available

SECTION 13 – Disposal Consideration**DISPOSAL METHOD:** Disposal should be made in accordance with Federal, State, and Local Regulations.**SECTION 14 – Transport Information**

DOT SHIPPING NAME: None
DOT HAZARD CLASS: None
DOT LABEL (S): None

SECTION 15 – Regulatory Information

EPA HAZARD CLASS: Eye irritant.
CPSC CLASSIFICATION: Eye irritant.
TRANSPORTATION CLASS: IMO None
RID(OCTI): None
ADR (ECE): None.
RAR (IATA): 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.

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