SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER: 1283

PRODUCT NAME: ALUMI-SEAL

PRODUCT DESCRIPTION: Silicone Sealer Caulker-Adhesive Acetoxy Aerosol

COMPANY INFORMATION: **PRO CHEM, INC.**
1475 Bluegrass Lakes Parkway
Alpharetta, GA 30004

COMPANY PHONE: 1-800-241-8180

EMERGENCY TELEPHONE: 1-800-241-8180

INFOTRAC: 1-800-535-5053

2. Hazards Identification

GHS CLASSIFICATION:	**SIGNAL WORD:**	**SYMBOL:**	
Physical: Aerosol Category 3 Health: Non-Hazardous	**WARNING!**		

HAZARD STATEMENTS:
Pressurized container: may burst if heated.

PRECAUTIONARY PHRASES:
Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS No.	AMOUNT
1, 1-Difluoroethane	75-37-6	<1%

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

4. First Aid Measures

Inhalation: If symptoms of exposure develop, remove to fresh air. Seek medical attention if breathing problem or irritation persists.
Skin Contact: Wash exposed skin with soap and water for several minutes. If skin irritation develops, seek medical attention.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice or attention.
Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

MOST IMPORTANT SYMPTOMS:
Vapors may cause mild respiratory irritation.

INDICATION OF IMMEDIATE MEDICAL ATTENTION/SPECIAL TREATMENT:
None known.

5. Fire-Fighting Measures

SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA:
Use extinguishing media suitable for surrounding fire.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:
Not classified as flammable but contains a flammable propellant. Contents under pressure. Burning may produce silicon oxides, carbon oxides. Exposure of containers to heat and flames can cause them to rupture often with violent force.

SPECIAL FIRE FIGHTING PROCEDURES:
Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:
Ventilate the area. Wear appropriate protective clothing and equipment.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP:
Place leaking can in a pail in a well-ventilated area until pressure has dissipated. Collect residual liquid using inert absorbents and place into a suitable container for disposal.

ENVIRONMENTAL PRECAUTIONS:
Report release as required by local and national regulations.

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING:
Avoid contact with eyes and skin. Avoid breathing vapors or gas. Use only with adequate ventilation. Wash thoroughly with soap and water after handling. Contents under pressure, do not puncture or incinerate containers.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
Store in a cool, dry, well-ventilated area, away from strong oxidizers and other incompatible materials. Do not store in direct sunlight or above 120°F.

U.F.C. (NFPA 30B) Level 1 Aerosol.

8. Exposure Controls / Personal Protection

EXPOSURE GUIDELINES:

CHEMICAL	EXPOSURE LIMIT
1,1-Difluoroethane	1000 ppm TWA AIHA WEELs

APPROPRIATE ENGINEERING CONTROLS:

General ventilation should be adequate for normal use. For operations where the exposure limits may be exceeded, forced ventilation such as local exhaust may be needed to maintain exposures below applicable limits.

PERSONAL PROTECTIVE EQUIPMENT:

Respiratory Protection: None under normal use conditions. For operations where the exposure limits may be exceeded, a NIOSH approved supplied air respirators recommended. Equipment selection depends on contaminant type and concentration. Select in accordance with 29 CFR 1910.134; all applicable laws and regulations; and good industrial hygiene practice.
Gloves: Impervious gloves recommended to avoid skin contact.
Eye Protection: Safety glasses are recommended if eye contact is possible.
Other Protective Equipment/Clothing: None required.

9. Physical & Chemical Properties

Appearance and Odor:	Aluminum viscous paste with acetic acid odor.	**Flash Point:**	> 100°C (> 212°F) CC (Liquid component)
Physical State:	Thick liquid under pressure	**Specific Gravity:**	1.007 (Liquid component)
Odor Threshold:	Not determined	**Vapor Pressure:**	Not determined
pH:	Not determined	**Relative Vapor Density: (Air = 1)**	Not determined
Initial Boiling Point/Range:	Not determined	**Percent Volatile:**	Not determined
Melting/Freezing Point:	Not determined	**Evaporation Rate: (n-butyl acetate = 1.0):**	Not determined
Solubility In Water:	Not determined	**VOC Content:**	Not determined
Kinematic Viscosity:	Not determined	**Autoignition Temp:**	Not determined
Decomposition Temperature:	Not available	**Flame Extension:**	Not determined
Coefficient Of Water/Oil Distribution:	Not determined	**Flammability:**	Not applicable
Particle Characteristics:	Not applicable	**Flammability Limits:**	LEL: Not applicable UEL: Not applicable

10. Stability & Reactivity Information

REACTIVITY:
Not normally reactive.
CHEMICAL STABILITY:
Stable under normal storage and handling conditions
POSSIBILITY OF HAZARDOUS REACTIONS:
None expected.
CONDITIONS TO AVOID:
Keep away from excessive heat, and open flames. Containers may rupture at temperatures > 120°F (48.8°C).
INCOMPATIBLE MATERIALS:
Strong oxidizing agents, strong bases, and strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS:
Burning may produce silicon oxides; carbon oxides.

11. Toxicological Information

POTENTIAL HEALTH EFFECTS
ACUTE HAZARDS:
Inhalation: Vapors can irritate the throat and respiratory tract.
Skin Contact: May cause mild irritation.
Eye Contact: May cause mild irritation.
Ingestion: Swallowing may cause gastrointestinal disturbances.
Chronic Effects: None expected.
CARCINOGENICITY LISTING:
None of the components listed is a carcinogen or potential carcinogen by IARC, NTP, ACGIH or OSHA
NUMERICAL MEASURES OF TOXICITY:
1,1-Difluoroethane: LC50 Inhalation Rat: 437,500ppm/4h

12. Ecological Information

ECOTOXICITY:
1,1-Difluoroethane: LC50 Fish 719.61 mg/L/ 96hr (Calculated)
PERSISTENCE AND DEGRADABILITY:
No data available for product.
BIO ACCUMULATIVE POTENTIAL:
No data available for product.
MOBILITY IN SOIL:
No data available for product.
OTHER ADVERSE EFFECTS:
No data available.

13. Disposal Consideration

Dispose of in accordance with all local, state/provincial, and federal regulations. Offer empty containers for recycling

14. Transportation Information

DOT Hazardous Materials Description: UN1950, Aerosols, 2.2 LTD QTY
IMDG Dangerous Goods Description: UN1950, Aerosols 2.2 LTD QTY

15. Regulatory Information

UNITED STATES:

EPA TSCA INVENTORY: All of the components of this material are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA Section 103: This product has no RQ, however, oil spills must be reported to the National Response Center. Many states have more stringent release reporting requirements. Report spills required under federal, state, and local regulations.

SARA Hazard Category (311/312): Classified under OSHA Hazcom 2012 GHS as per Section 2 of this SDS.

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements under SARA Title III, Section 313 (40 CFR 372): None
California Proposition 65: This product does not contain substances known to the state of California to cause cancer and/or reproductive toxicity.

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.