ANTI-SEIZE TECHNOLOGY
A.S.T. Industries, Inc.

AST-RTV™ SILICONE

WHITE

6.75 oz Self Dispensing can
SAFETY DATA SHEET

Section 1- Product and Company Identification

Product type: Silicone elastomeric , RTV
Product Code: 27084

Manufacture / Supplier : Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131

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1-352-323-3500 (International)
Date: October 2, 2025

Section 2-Hazard Identification

GHS Classification (Hazcom 2024):
Aerosol Category 3

Label Elements:

Signal word: WARNING

Hazard Phrases:

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 pierce or burn, even after use.

Prevention:
Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/ face protection
Use in well ventilated area.

Response:
IF ON SKIN: Wash with soap and water. If skin irritation or rash occurs: Get medical advice/ attention.
IF ON EYES: 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/attention.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Get medical advice/attention if you feel unwell.
IF INHALED: If experiencing respiratory symptoms, remove to fresh air.

Storage: Protect from sunlight.
Do not expose to temperatures exceeding 50°C/122°F

Disposal: Dispose of contents in accordance with local, regional and national regulations
Other Hazards: During the curing process acetic acid vapors will be generated which can irritate the respiratory tract **.** Use with adequate ventilation**.**

Section 3- Composition/ Information on Ingredients

Ingredient	CAS #	%
1,1 Difluroethane	75-37-6	<1%

* 1,1-Difluoroethane *does not escape when product is discharged. Do NOT remove plug from bottom of can.*

ACETIC ACID FUMES ARE FORMED DURING THE CURING PROCESS. THESE FUMES MAY BE IRRITATING TO THE RESPIRATORY TRACT.

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

Section 4 – First Aid Measures

Eye: Rinse opened eye for several minutes under running water. Remove contact lenses if present and easy to do. Continue rinsing. If symptoms persist, get medical attention.

Skin: Remove contaminated clothing. Wash exposed area with soap and water thoroughly. Wash clothing before reuse.

Inhalation: Remove person to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if adverse health effects persist or are severe.

Ingestion: Rinse mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may occur. Do NOT induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Most Important symptoms and effects, both acute and delayed: Respiratory tract irritation, eye irritation.

Section 5 – Fire Fighting Measures

Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical. Dry chemical is preferred.

Special Hazards Arising from the Product: Exposure to combustion products may be a health hazard.

Special Equipment and Precautions for Fire-Fighters: Wear NIOSH approved positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water spray.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Use appropriate personal protection equipment. If fumes are present, wear a NIOSH approved respirator. Wear protective gloves.
Wipe up or scrape up and contain for disposal. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.
Environmental Hazards: Spilled material , even in small quantities, may present a slip hazard. Scrape us as much material as possible. Spilled materials will solidify over time. Dispose of in accordance with appropriate Local, State and Federal guidelines.

Methods and Materials for Containment and Clean up.
Use absorbent materials, scrape up excess material for proper disposal.

Section 7 – Handling and Storage

Precautions for Safe Handling: Use with adequate ventilation. Avoid eye contact. Avoid skin contact. Do not take internally. Do not handle contact lenses until all materials are removed from hands.

Conditions for Safe Storage, Including any Incompatibilities.
Use reasonable care and store sway from oxidizing materials. Store away from heat, sparks or open flames. Store at temperatures below 90°F. Keep container closed when not in use.

Section 8 – Exposure Controls / Personal Protection

Hazardous Component	ACGIH TWA		
1,1 Difluroethane	1000 ppm AIHA WEELs		

Engineering controls: Use with adequate ventilation, especially in confined spaces. Use local ventilation if air movement is not adequate to maintain air quality below established exposure limits.

Individual Protection Measures:

Respiratory Protection: Normally not required unless large quantities of this product are being used or if working in confined spaces. Acetic acid vapors (vinegar like odor) can irritate eyes , skin or respiratory tract. If need use a NIOSH approved organic vapor respirator.

Eye/Face Protection: Safety glasses with side splash shields are recommended.

Skin Protection: If prolonged or repeated exposure is expected, wear chemical resistant gloves such as vinyl or neoprene.

Section 9 – Physical and Chemical Properties

Physical State: White colored, viscous sealant	**Vapor Density (air = 1):** Not available
Odor: Mild vinegar like odor	**Specific Gravity:** 1.007
Odor Threshold: Not established	**Water Solubility:** Not soluble
pH: No data	**Octanol/Water Partition Coefficient:** Not available
Melting Point/Freezing Point: Not available	**Autoignition Temperature:** Not available
Boiling Point: No Data	**Decomposition Temperature:** Not available
Flash Point: Not flammable	**Kinematic Viscosity:** Not available
Evaporation Rate: Not available	**Explosion Properties:** None
Flammable Limits: **LEL**: Not established **UEL:** Not established	**Oxidizing Properties:** Not oxidizing
Vapor Pressure: Not established	**Aerosol Fire Protection Level:** Not applicable
Particle Characteristics: Does not apply	
VOC Content: <3%	**Flammability (solid, gas):** Not available

Section 10 – Stability and Reactivity

Reactivity: No Data

Chemical stability: Stable under normal storage and handling conditions.

Conditions to avoid: Application to hot surfaces.

Incompatible Materials: Strong Oxidizing agents and acids

Hazardous Decomposition Products: Acetic acid fumes are slowly generated in the curing process. Silica mist, acrid smoke and fumes in extreme temperatures or fire, which may include Formaldehyde.

Section 11 – Toxicological Information

Potential Health Effects:

Eye: May cause serious eye irritation if large quantities are being used. The acetic acid vapors liberated during the curing process can irritated eyes.

Skin: May cause skin irritation if this material is allowed to remain on skin for prolonged periods.

Inhalation: Acetic acid (vinegar like odor) may irritate nose, throat , respiratory tract.

Ingestion: Not expected to be harmful by ingestion.

Numerical Measures of Toxicity:
1,1 Difluroethane: LC50 437,000ppm/4 hr, Rat, inhalation

Carcinogen Status: No

Section 12 – Ecological Information

Ecotoxicity:
1,1 Difluroethane LC50, Fish, 719.61 mg/L

Persistence and Degradability: No data available for product

Bio accusative potential: No data available for the product.

Mobility in soil: No data available for the product

Other adverse effects: No data available

Section 13 – Disposal Consideration

RCRA: This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form. Dispose of according to all local, state, and national regulations.

Waste Disposal: Dispose of in accordance with all local, state and federal regulations. Do not discharge in sewers or waterways. Incineration is the preferred method of disposal, although it may be land filled at an approved facility.

Section 14- Transport Information

DOT
Proper Shipping Name: aerosols
DOT Hazard Class: 2.2
UN Number: UN 1950, Aerosols, 2.2 LTD QTY
Packing Group: None

IMDG
Shipping Description: Aerosols
Hazard Class: 2.2
Identification Number: UN 1950
UN Proper shipping name:
Packing Group: none

Section 15 – Regulatory Information

Safety, health, and environmental regulations specific for the product in question.

CERCLA Hazardous Substances (Section 103)/RQ: This product is not subject to reporting requirements under CERCLA. However, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA Hazard Category (311/312): Not Hazardous

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313: None

EPA TSCA Inventory: All of the components of this product are listed on the TSCA inventory.
Canadian DSL: All of the components of this product are listed on the DSL inventory

CALIFORNIA PROPOSITION 65: This product is not known to contain listed chemicals.

Section 16 – Other Information:

The information contained herein is based on data considered accurate, however, no warranty is expressed or implied regarding the accuracy of the data or the results obtained from the use of his product. Therefore, because the product may be used under conditions beyond our control, we assume no liability for its use.