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

ADHESIVE SPRAY

SAFETY DATA SHEET

Section 1- Product and Company Identification

Product Code: 17066

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

Phone: 847-455-2300
Fax: 847-455-2371
Web: antiseize.com
Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 (US & Canada)
1-352-323-3500 (International)
Web: infotrac.net
Product Use: General purpose adhesive
Restriction of Use:

Date: 11/04/2021

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):
Aerosol-Category 1
Eye irritation-Category 2A
Gases under pressure- Liquified gas
STOT-Single exposure (Narcotic Effects)-Category 3

Label Elements:

Signal word:

Danger

Hazard Phrases:
Extremely flammable aerosol
Contains gas under pressure; may explode if heated
Causes serious eye irritation
May cause drowsiness or dizziness

Precautionary Phrases: Prevention
If medical advice is needed, have product container or label at hand
Keep out of reach of children
Read label before use
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 sources
Do not pierce or burn , even after use
Wash thoroughly after handling
Wear eye protection/face protection
Avoid breathing fumes, gas, mist or vapors
Use outdoors or in well ventilated area

Response:

IF IN 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 attention.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:
Protect from sunlight**.** Do not expose to temperatures exceeding 50°C /122°F
Store in a well ventilated place. Keep cool

Disposal: Dispose of contents in accordance with local, regional and national regulations.

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Methyl Acetate	79-20-9	20-40
Cyclohexanone	108-94-1	5-15
Propane	74-98-6	10-20
1,1 Difluoroethane	75-37-6	2.5-10
Resin and Rosin acids, ester with glycerol	8050-31-5	2-8
Benzene (1-methylethenyl_-Polymer with 2-methyl-2-butene and 1,3 pentadiene	062258-49-5	1.2-4
1,3 Pentadiene, Polymer w/2-methyl-2-butene	26813-14-9	0.6-2
Calcium Carbonate	1317-65-3	0.1-1
Diethyl Hydroxylamine	3710-84-7	0.0-0.3

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

Section 4 – First Aid Measures

Eye: Flush eyes with water for 15 minutes holding the eyelids apart. Remove contact lenses and continue rinsing. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of soap and water. Skin creams may help facilitate removal and soothe skin irritation. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. Symptoms should improve with fresh air. If breathing is labored get medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or seek medical advice/attention.

Most Important symptoms and effects, both acute and delayed: Dizziness, nausea

Indication of any immediate medical attention and special treatment needed: Immediate medical attention generally not required.

Section 5 – Fire Fighting Measures

Suitable and Unsuitable Extinguishing Media: Use water spray or fog, foam, carbon dioxide or dry chemical.

Special Hazards Arising from the Chemical: Water fog may be used to cool the containers but do not spray directly into large containers of burning liquids as frothing may occur. Dense smoke and noxious or toxic fumes may be generated in a fire. The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

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.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Remove all sources of ignition. Evacuate area of all unnecessary personnel. Wear respiratory if needed. Ventilate area. Clean up with absorbent material and put into a suitable container for proper disposal.

Environmental Hazards: Report spills and releases as required to appropriate authorities.

Methods and Material for Containment and Cleaning Up: Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

Section 7 – Handling and Storage

For professional use by trained personnel.
Keep away from children
Use in well ventilated areas.
Use good personal hygiene practices
Do not eat, drink or smoke when using this product.

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact. Avoid breathing vapors, mist or fumes. Use in well ventilated area.

Conditions for Safe Storage, Including any Incompatibilities: Store away from extreme heat and open flames. Store away from oxidizers. Store in cool, well ventilated area. Store below 122°F / 50°C.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL NAME	EXPOSURE LIMITS
Cylohexanone	200 mg/m3, OSHA TWA 20 ppm ACGIH TWA
DiethylHydroxylamine	2 ppm ACGIH TWA

Difluroethane	2.5mg/m3 OSHA TWA 2.5mg/m3 ACGIH
Calcium Carbonate	5 mg/m3 OSHA TWA
Propane	1800mg/m2 OSHA TWA 1000ppm OSHA TWA

Appropriate Engineering Controls: Use with adequate general or local exhaust ventilation to maintain exposure levels below the exposure limits. If the product is used at high temperatures, local exhaust ventilation may be required.

Individual Protection Measures:
Respiratory Protection: In operations where the occupational exposure limits are exceeded, a NIOSH approved respirator with organic vapor/particulate cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice.

Skin Protection: Impervious gloves such as rubber or nitrile recommended where needed to avoid prolonged skin contact .

Eye Protection: Safety glasses or goggles recommended where needed to avoid eye contact.

Section 9 – Physical and Chemical Properties

Appearance: Opaque colored liquid, aerosol	**Vapor Density (air = 1):** No data
Odor: Mild	**Specific Gravity:** 0.8
Odor Threshold: Not established	**Water Solubility:** Not soluble
pH: Not available	**Octanol/Water Partition Coefficient:** Not available
Melting Point/Freezing Point: No data	**Autoignition Temperature:** Not available
Boiling Point: No data	**Decomposition Temperature:** Not available
Flash Point: <73°F	**Viscosity:** Not available
Evaporation Rate: Slower than ether	**Explosion Properties:** None
Flammable Limits: **LEL**: Not established **UEL:** Not established	**Oxidizing Properties:** Not oxidizing
Vapor Pressure: Not established	**Aerosol Fire Protection Level:** Not available
VOC Content: 26.3% or 1.83 lb/gal	**Flammability (solid, gas):** Gas

Section 10 – Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known

Conditions to Avoid: Use with strong oxidizing chemicals such as concentrated acids.

Incompatible Materials: Avoid strong oxidizing agents and acids.

Hazardous Decomposition Products: The thermal decomposition products are highly dependent upon the combustion conditions. Noxious or toxic fumes may be generated, some of which may be toxic or irritating.

Section 11 – Toxicological Information

Toxicological evaluations have not been conducted on this product.

Potential Health Effects:

Eye: May cause serious eye damage

Skin: Prolonged contact may cause mild irritation of the skin.

Inhalation: No adverse effects expected at ambient temperatures. Inhalation of vapors and fumes from thermal decomposition may cause respiratory irritation .

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting, diarrhea
.
Chronic Hazards: Prolonged inhalation of thermal decomposition products may result in lung damage.

Carcinogen Status: None of the components of this product are listed as carcinogens by IARC, NTP or OSHA.
Germ cell mutagenicity: No data available
Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects
Specific Target Organ Toxicity-Single exposure: Cyclohexanone: Can be absorbed through the skin in harmful amounts. Recurrent overexposure may result in liver or kidney injury. Liquid splashes in the eye may result in chemical burns.. Test for mutagenic activity in bacterial or mammalian cell cultures have been inconclusive.

Acute Toxicity
0000079-20-9 METHYL ACETATE
LC50 (rat): 16000-32000 ppm (4-hour exposure) (9)
LD50 (oral, rat): greater than 5000 mg/kg (4)
LD50 (oral, rabbit): 3700 mg/kg (cited as 50 millimols/kg) (10)
LD50 (skin, rabbit): greater than 5000 mg/kg (4)

Cyclohexanone
LC50 (rat) 2639 ppm (4hr exposure)
LD50 (oral, female rabbit): 1340mg/kg
LD50 (dermal, rabbit) 950mg/kg

Section 12 – Ecological Information

No long term Ecological studies have been performed on this product

Section 13 – Disposal Consideration

Waste disposal: Dispose of in a responsible manner. Follow local, state and federal guidelines. Do not discharge into sewers or waterways. Incineration is the preferred method of disposal, although it may be landfilled at an approved facility.

Section 14- Transport Information

DOT Proper Shipping Name: UN1950, Aerosols, 2.1, Limited Quantity
DOT Technical Name: None
DOT Hazard Class: 2.1
UN Number: UN1950
DOT Labels Required (49CFR172.101): LTD QTY

IMDG Shipping Description: UN1950, Aerosols, 2.1 Limited Quantity, Marine Pollutant
ID Number: UN1950
Hazard Class: 2.1
Packing Group: None
Special Provisions: Each not exceeding 1 L capacity (LTD QTY)

ICAO/IATA
Proper shipping name: Aerosol, Flammable
Hazard Class: 2.1
Identification Number: UN 1950
Packing Group: None
Special Provisions: Each not exceeding 1 L capacity (LTD QTY)

Section 15 – Regulatory Information

79-20-9	Methyl Acetate	20-40	SARA 312, TSCA, ACGIH, OSHA
108-94-1	Cyclohexanone	5-15	CERCLA, SARA312 VOC, TSCA, RCRA, ACGIH, OSHA
74-98-6	Propane	10-20	SARA312, VOC, TSCA, ACGIH, OSHA
75-37-6	1,1 Difluoroethane	2.5-10	SARA312, TSCA, ACGIH, OSHA
8050-31-5	Resin and Rosin acids, ester with glycerol	2-8	SARA312, TSCA
062258-49-5	Benzene (1-methylethenyl_-Polymer with 2-methyl-2-butene and 1,3 pentadiene	1.2-4	SARA312,TSCA
26813-14-9	1,3 Pentadiene, Polymer w/2-methyl-2-butene	0.6-2	SARA312,VOC, TSCA
1317-65-3	Calcium Carbonate	0.1-1	SARA312,TSCA
3710-84-7	Diethyl Hydroxylamine	0.0-0.3	SARA312,VOC, TSCA, ACGIH

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.