



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

RED INSULATING VARNISH

SAFETY DATA SHEET

Section 1- Product and Company Identification

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

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Web: antiseize.com

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1-352-323-3500 (International)

Web: infotrac.net

Date: Oct 19, 2017

Section 2-Hazard Identification

GHS Classification (Hazcom 2012):

Extremely flammable aerosol
Contains gas under pressure; may explode if heated
Suspected of causing cancer
Suspected of damaging fertility or the unborn child
May cause drowsiness or dizziness
May cause damage to organs through prolonged or repeated contact
Causes skin irritation
Causes serious eye irritation

Label Elements:



Signal word:

DANGER

Hazard Phrases:

Extremely flammable aerosol
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Causes skin irritation
Causes serious eye irritation

Precautionary Phrases:

If medical advice is needed, have product container or label at hand
 Keep out of reach of children
 Read label before use
 Obtain special instructions before use
 Keep away from heat/sparks/open flames/hot surfaces- No smoking
 Do not spray on an open flame or other ignition sources
 Pressurized container: Do not pierce or burn, even after use
 Wash hands thoroughly after handling
 Use only outdoors or in a well ventilated area.
 Wear protective gloves/protective clothing/eye protection/face protection
 Do not handle until all safety precautions have been read and understood
 Do not breath dust/fumes/gas/mist/vapors/spray

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 ON SKIN: Wash with plenty of soap and water.
 If skin irritation occurs: Get medical attention.
IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 Do NOT induce vomiting
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 Call a POISON CENTER or doctor if you feel unwell

Storage:

When not in use keep container closed
 Keep away from children
 Protect from sunlight
 Do not expose to temperatures exceeding 50° C/ 122 F°
 Store in well ventilated place

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

Section 3- Composition/ Information on Ingredients

CHEMICAL	CAS NUMBER	PERCENT
Acetone	67-64-1	28.89
Propane	74-98-6	15.67
Red Iron Oxide	1309-37-1	9.22
n-Butane	106-97-8	9.2
Toluene	108-88-3	6.9
n-Butyl Acetate	123-86-4	4.5
Glycol Ether EB	2807-30-9	4.32
Isopropyl Alcohol	67-63-0	3.75
Xylene	1330-20-7	3.23

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, holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin: Wash thoroughly with plenty of water. Get medical attention if irritation persists.

Inhalation: Remove to fresh air and keep comfortable for breathing. If irritation occurs, get medical attention.

Ingestion: If large amounts ingested, seek medical attention.

Most Important symptoms and effects, both acute and delayed: None known.

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: Extremely flammable aerosol. Keep away from heat and open flames. Container may rupture or explode in the heat of a fire. Prolonged exposure to temperatures above 120°F may cause cans to burst. Combustion may produce carbon dioxide, carbon monoxide.

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. Protect against bursting cans.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Use caution: slip hazard.

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

Methods and Material for Containment and Cleaning Up: Because of its viscous nature, this product is not expected to leak or spill. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

Section 7 – Handling and Storage

Precautions for Safe Handling: Avoid contact with eyes. Avoid prolonged skin contact Do not transfer to unlabeled containers.

Conditions for Safe Storage, Including any Incompatibilities: Store away from extreme heat and open flames. Store away from oxidizers.

Section 8 – Exposure Controls / Personal Protection

CHEMICAL	CAS NUMBER	EXPOSURE LIMITS
Acetone	67-64-1	OSHA PEL 2400mg/m ³ , 1000ppm
Propane	74-98-6	OSHA PEL 1800mg/m ³ , 1000ppm
n-Butane	106-97-8	OSHA TLV 2370mg/m ³ , 1000ppm
Toluene	108-88-3,	OSHA PEL 200ppm

n-Butyl Acetate	123-86-4	OSHA PEL 710mg/m3
Glycol Ether EB	2807-30-9	OSHA TLV 20ppm
Isopropyl Alcohol	67-63-0	OSHA PEL 980mg/m3
Xylene	1330-20-7	OSHA PEL 435 mg/m3

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: Aerosol	Vapor Density (air = 1): Not determined
Odor: Aromatic solvent like	Specific Gravity: 0.7- 0.8
Odor Threshold: Not established	Water Solubility: Not soluble
pH: Not available	Octanol/Water Partition Coefficient: Not available
Melting Point/Freezing Point: Does not apply	Autoignition Temperature: Not available
Boiling Point: -44° C(-47 °F)	Decomposition Temperature: Not available
Flash Point: -19° C (-2° F)	Viscosity: Not available
Evaporation Rate: Not determined	Explosion Properties: None
Flammable Limits: LEL: 1.7 volume % UEL: 10.9% Vol %	Oxidizing Properties: Not oxidizing
Vapor Pressure: Not established	Flammability (solid, gas): Gas
VOC Content: 49.1% 773g/L / 6.46 lb/gal	

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: application to hot surface .

Incompatible Materials: Not known

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

Red Iron Oxide, oral	LD50	>5000mg/m3
n-Butane, inhale	LC50/4	658mg/L , Rat
n-Butyl Acetate, inhale	LD50	>21.0mg/L , Rat
Isopropyl alcohol, inhale	LD 50	30mg/L , Rat
Xylene, inhale	LD50	6350 mg/L, Rat

Potential Health Effects:

Eye: May cause mild irritation.

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.

Section 12 – Ecological Information

Aquatic toxicity: Hazardous for water, do not empty into drains

Bioaccumulative Potential: No information available

Mobility in Soil: No information available

Other Adverse Effects: No further information available

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, FP -17 C, Limited Quantity,

ID Number: UN1950

Hazard Class: 2.1

Packing Group: None

Labels Required: None

Marking Required: Limited Quantity Mark

Placards Required: Limited Quantity and Marine Pollutant Mark On Transport Containers

ICAO/IATA

Proper shipping name: Aerosol, Flammable

Hazard Class: 2.1

Identification Number: UN 1950

Packing Group: None

Section 15 – Regulatory Information

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

CERCLA Hazardous Substances (Section 103)/RQ: None

SARA Hazard Category (311/312): Fire Hazard, Pressure Hazard, Acute Health

SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:

Toluene 108-88-3 , isopropyl alcohol 67-63-0 , xylene 1330-20-7 (mix)

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

CALIFORNIA PROPOSITION 65: CALIFORNIA PROPOSITION 65: This product contains the following substances known to the state of California to cause cancer and/or reproductive toxicity:

Ethyl Benzene CAS 100-41-4, Cancer

Toluene CAS 108-88-3, Reproductive

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.