



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

AST RUBBER COAT™

SAFETY DATA SHEET

Section 1- Product and Company Identification

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

Phone: 847-455-2300

Web Address: antiseize.com

Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 (US & Canada)
1-352-323-3500 (International)

Date: Dec 18, 2018

Section 2- Hazard Identification

GHS classification (HazCom 2012)

Hazard Warnings:

Flammable aerosols-Category 1
Skin Corrosion/irritation-Category 2
Serious eye damage/eye irritation-Category 2A
Carcinogenicity-Category 2
Reproductive toxicity (the unborn child)-Category 2
Specific Target organ toxicity, single exposure-Category 3, narcotic effects
Specific Target organ toxicity, repeated-Category 2
Aspiration Hazard-category 1

Label Elements:



SIGNAL WORD:

Danger

Hazard Phrases:

Extremely flammable aerosol
May be fatal if swallowed and enters airways.
Causes skin irritation
Causes serious eye irritation
May cause drowsiness or dizziness
Suspected of causing cancer
Suspected of damaging the unborn child
May cause damage to organs through prolonged or repeated exposure

Precautionary Statement

Prevention:

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood
 Keep away from heat/sparks/open flames/hot surfaces- No Smoking
 Do not spray on an open flame or other ignitions sources.
 Pressurized container: Do not pierce or burn even after use
 Do not breath gas. Wash thoroughly after handling
 Use only outdoors or in a well ventilated area
 Wear protective gloves/protective clothing/eye protection/face protection

Response:

If swallowed: Immediately call a poison center/doctor
 Do NOT induce vomiting
If on skin: Wash with plenty of water
If inhaled: Remove person to fresh air and keep comfortable for breathing
If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing.
 If exposed or concerned: Get Medical advice/ attention.
 Call a poison center/doctor if you feel unwell.
 If skin irritation occurs: Get medical advice/attention.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash before reuse

Storage

Store in well ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 122°F/50°C

Disposal

Dispose of content/container in accordance with local, regional, national, international regulations.

Section 3- Composition		
Chemical	CAS#	%
ACETONE	67-64-1	20-40
TOLUENE	108-88-3	10-20
PROPANE	74-98-6	10-15
CALCIUM CARBONATE	1317-65-3	2.5-10
XYLENE	1330-20-7	2.5-10
CARBON BLACK	1333-86-4	1-2.5
CRYSTALLINE SILICA	14808-60-7	0.1-1

Other components below reportable levels 20-40%

Section 4 – First Aid Measures

FIRST AID PROCEDURES

SKIN: wash with soap and water, using a nail brush. Pay particular attention to finger nails and open wounds. If irritation persists seek medical attention.

EYES: Flush eye with water for 15 minutes, lifting the eyelids. Remove contacts if present and easy to do, continue rinsing. If irritation persists consult a physician.

INGESTION: Not a likely route of exposure, If swallowed DO NOT induce vomiting as material could be aspirated into lungs. Use a gastric lavage, or call a poison control center or a physician.

INHALATION: the solvents and/or propellants in this product may affect the respiratory tract or central nervous system. Avoid overexposure. Dizziness or respiratory irritation are signs of overexposure. Seek fresh air. Or follow other standard medical practices.

Section 5 – Fire Fighting Measures

AEROSOL FLAMMABILITY: EXTREMELY FLAMMABLE. Flammable, see can label for additional information. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES: Fire may produce irritating, corrosive and/or toxic gases. Do not breath fumes. Cans may rupture, burst or explode in a fire. Use extreme caution. Water may be ineffective but can be used to cool containers to prevent pressure build up. Wear goggles and a self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Cans may rupture or burst, releasing their contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Wear appropriate personal protective equipment. Eliminate all sources of ignition with explosion-proof equipment. Ventilate area.

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

Methods and Material for Containment and Cleaning Up: Place leaking container into a suitable container and place in a well-ventilated area until the propellant has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.

Section 7 – Handling and Storage

HANDLING: Pressurized container. Do not pierce or burn can, even when empty. Do not smoke while using or until sprayed surface has thoroughly dried. Use only well ventilated areas. Do not using in confined spaces without ventilation. Do not tamper with valve. Do not use if spray nozzle is defective. Do not allow this compound to come in contact with your eyes. Avoid breathing fumes or spray. Wear personal protective equipment. Avoid prolonged exposure

STORAGE: contents under pressure. Do not puncture, incinerate or crush. The pressure in sealed containers can increase when exposed to heat. Keep away from heat and sources of ignition. Store in cool place. Store below 122°F, (50°C).Keep out of reach of children. Level 3 aerosol.

Section 8 – Exposure Controls / Personal Protection

EXPOSURE LIMITS:

ACETONE	1000 ppm OSHA PEL
TOLUENE	200 ppm OSHA TWA
PROPANE	1000 ppm OSHA TWA

CARBON BLACK	3.5mg/m ³ OSHA PEL
CALCIUM CARBONATE	5mg/m ³ , OSHA PEL
CRYSTALLINE SILICA	0.1mg/m ³ OSHA, respirable

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: BLACK VISCOUS AEROSOL
INITIAL BOILING POINT: 125°F (51° C) ESTIMATED.
COLOR: BLACK
DENSITY: 0.87g/cm³
FLAMMABILITY: 43.73 Kj/g (estimated)
FLASH POINT: -156°F (-104°C) PROPELLANT
FORM: AEROSOL
ODOR: SOLVENT
UPPER/LOWER FLAMMABILITY: LOWER 1.3%, UPPER 8.2%
VAPOR PRESSURE: 60psig@70F
pH: DOES NOT APPLY
PHYSICAL STATE: LIQUID
VAPOR PRESSURE: 53-63 psig@70°F
WATER SOLUBILITY: NIL
VOC (WEIGHT): 33%

Section 10 – Stability and Reactivity
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STABILITY: (X) STABLE () UNSTABLE

CHEMICAL STABILITY: risk of ignition until dry

CONDITIONS TO AVOID: Application to hot surfaces, storage above 122°F (50°C). Exposure to open flames or sparks.

INCOMPARABILITY, (MATERIALS TO AVOID): strong oxidizing agents.

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.

HAZARDOUS POLYMERIZATION: will not occur

Section 11 – Toxicological Information

ACETONE	67-64-1	ORAL LD50 RAT 5800mg/kg.
TOLUENE	108-88-3	INHALATION LC50 RAT 12.5mg/L, 4 hrs.LC50>
PROPANE	74-98-6	INHALATION LC50, RAT 658mg/L 4 hr.
CARBON BLACK RABBIT >3g/kg	1333-86-4	ORAL LD50 RAT >15400 mg/kg ; DERMAL LD50

CARCINOGENICITY: hazardous by OSHA criteria
IARC-group 2b (possible carcinogen to humans)
Carbon black 1333-86-4 monograph 93 (in preparation) monograph 65 (1996)

Section 12 – Ecological Information

ECOTOXICITY: LC50 189mg/L, ESTIMATED, FISH 96 HOURS
EC50: 58.4mg/L , ESTIMATED, DAPHNIA, 48 HOURS
IC50: 292mg/L ESTIMATED, ALGAE, 72 HOURS
Components of this product are hazardous to aquatic life

Section 13 – Disposal Consideration

WASTE DISPOSAL: contents under pressure. Dispose of this material and its container to hazardous or special waste collection point. Do not incinerate sealed containers. Do not allow this material to drain into sewers or water supplies. If discarded, this product is considered a RCRA ignitable waste, D001.

Section 14- Transport Information

DOT Ground (49CFR)

Proper Shipping Name: Aerosols, flammable
Hazard Class: 2.1, Ltd Qty
Identification Number: UN1950

ICAO/IATA

Proper Shipping Name: Aerosols, flammable
Hazard Class: 2.1, Ltd Qty
Identification Number: UN 1950

IMDG Shipping Description:

Proper Shipping Name: Aerosols, flammable
Hazard Class: 2.1, Ltd Qty
Identification Number: UN 1950

Section 15 – Regulatory Information

TSCA: All components listed

US FEDERAL REGULATIONS: this product is a “ hazardous chemical” as defined by the OSHA 29CFR 1910.1200

CERCLA Hazardous Substances:

Acetone, Toluene, Xylene


SARA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE: NO

SARA 304: Not regulated

SARA Hazard categories: Immediate Hazard, Delayed Hazard, Fire Hazard, Pressure hazard

Sara 302: Not listed

SARA 311/312: No

California Prop 65:  **Warning:** This product can expose you to ethyl benzene carbon black and Toluene which is known to the State of California to cause cancer and developmental issues. For more information go to www.P65warnings.ca.gov

Section 16 – Other Information:
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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.