



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

# AST RUBBER COAT™

## SAFETY DATA SHEET

### Section 1- Product and Company Identification

Trade Name: AST RUBBER COAT™ P/N: 17048

Product Type: AEROSOL UNDERCOATING  
Stock Number: 17048

Manufactured For: Anti-Seize Technology  
2345 N. 17<sup>th</sup> Ave.  
Franklin Park, IL 60131

Phone: 847-455-2300

Web Address: [antiseize.com](http://antiseize.com)

Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053

Date: December 7, 2017

### Section 2- Hazard Identification

#### EMERGENCY OVERVIEW:

**AEROSOL, EXTREMELY FLAMMABLE**  
**VAPORS HARMFUL**

#### CONTENTS UNDER PRESSURE

WILL BE EASILY IGNITED BY HEAT, SPARK, FLAMES. IRRITATING TO EYES, SKIN. PROLONGED EXPOSURE MAY CAUSE CHRONIC HEALTH EFFECTS. MAY CAUSE CANCER.

#### POTENTIAL HEALTH EFFECTS:

**ROUTE OF EXPOSURE:** EYE CONTACT. INHALATION. SKIN CONTACT. INGESTION

**EYES:** CONTACT MAY IRRITATE EYES EYE CONTACT MAY RESULT IN CORNEAL DAMAGE OR INJURY

**SKIN:** IRRITATING TO SKIN. FREQUENT OR PROLONGED CONTACT MAY DEFAT AND DRY THE SKIN LEADING TO DISCOMFORT OR DERMATITIS.

**INHALATION:** INTENTIONAL MISUSE BY CONCENTRATING AND INHALING THE PRODUCT CAN BE HARMFUL OR FATAL. PROLONGED INHALATION MAY BE HARMFUL.

**INGESTION:** EXPOSURE BY INGESTION OF AN AEROSOL IS UNLIKELY. MAY CAUSE DELAYED LUNG DAMAGE. COMPONENTS OF THE PRODUCT MAY BE ABSORBED INTO THE BODY IF INGESTED.

**TARGET ORGANS:** CENTRAL NERVOUS SYSTEM. KIDNEYS. LIVER. LUNG

**CHRONIC EFFECTS:** LIVER INJURY MAY OCCUR. KIDNEY INJURY MAY OCCUR. MAY CAUSE CENTRAL NERVOUS SYSTEM DISORDERS SUCH AS DIZZINESS, FREQUENT OR PROLONGED SKIN CONTACT MAY DEFAT AND DRY THE SKIN. MAY CAUSE DELAYED LUNG INJURY.

**SIGN AND SYMPTOMS OF OVEREXPOSURE:** DISCOMFORT IN THE CHEST. EYE IRRITATION, COUGHING, DEFATTING OF THE SKIN OR SKIN IRRITATION.

### Section 3- Composition

COMPONENTS	CAS#	%
ACETONE	67-64-1	30-40
TOLUENE	108-88-3	10-15
PROPANE	74-98-6	10-15
STODDARD SOLVENT	8052-41-3	3-5
TALC	14807-96-6	3-5
CARBON BLACK	1333-86-4	1-3
NON HAZARDOUS		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.

**EYES:** FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

**INGESTION:** NOT A LIKELY ROUTE OF EXPOSURE, DO NOT INDUCE VOMITING USE A GASTRIC LAVAGE, AND 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.

**FLASH POINT OF SOLVENT:** (AFTER SPRAYING) 105 F MINIMUM T.C.C. (METHOD USED)

**FLAMMABLE LIMITS:** LEL: NO DATA UEL: NO DATA

**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** FIRE MAY PRODUCE IRRITATING, CORROSIVE AND/OR TOXIC GASES. DO NOT BREATHE 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

**METHOD OF CONTAINMENT:** STOP LEAK IF YOU CAN DO SO WITHOUT RISK. MOVE THE CANS TO A SAFE AND OPEN AREA IF THE LEAK IS IRREPARABLE. STOP THE FLOW OF MATERIAL IF THIS CAN BE DONE WITHOUT RISK. **METHOD OF CLEANUP:** SHOULD NOT BE RELEASED INTO

ENVIRONMENT. USE A NON-COMBUSTIBLE MATERIAL LIKE VERMICULITE, SAND OR CLAY TO SOAK UP THE PRODUCT AND PLACE INTO A CONTAINER FOR LATER 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. KEEP OUT OF REACH OF CHILDREN. LEVEL 3 AEROSOL.

### Section 8 – Exposure Controls / Personal Protection

**EXPOSURE LIMITS:**

**ACGIH**

COMPONENT	CAS#	TWA	STEL	CEILING
ACETONE	67-64-1	500ppm	750ppm	N.E.
TOLUENE	108-88-3	20ppm	N.E.	N.E.
PROPANE	74-98-6	1000ppm	N.E.	N.E.
STODDARD SOLVENT	8052-41-3	100ppm	N.E.	N.E.
TALC	14807-96-6	2mg/m3	N.E.	N.E.
CARBON BLACK	1333-86-4	3.5mg/m3	N.E.	N.E.

NON HAZARDOUS

**RESPIRATORY PROTECTION:**

APPROVED RESPIRATORY EQUIPMENT MUST BE USED WHEN AIRBORNE CONCENTRATIONS ARE UNKNOWN OR EXCEED THE EXPOSURE LIMITS. WHEN PROCESSING LARGE AMOUNTS, USE A LIGHT DUTY CONSTRUCTION COMPRESSED AIR LINE BREATHING APPARATUS (E.G., IN ACCORDANCE WITH EN1835), A MASK WITH FILTER (TYPE A CLASS 3, COLOR BROWN) OR A FILTERING HALF MASK (E.G., IN ACCORDANCE WITH EN 405) WHEN THERE IS INADEQUATE VENTILATION.

**EYE PROTECTION:**

SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES MUST BE WORN.

**SKIN PROTECTION:**

IF PROLONGED OR REPEATED SKIN CONTACT IS LIKELY, NEOPRENE GLOVES SHOULD BE WORN. GOOD PERSONAL HYGIENE PRACTICES SHOULD ALWAYS BE FOLLOWED.

### Section 9 – Physical and Chemical Properties

**APPEARANCE:** BLACK VISCOUS AEROSOL

**BOILING POINT:** 298F ( 147 C) ESTIMATED.

**COLOR:** BLACK

**DENSITY:** 0.87g/cm3

**FLAMMABILITY:** 43.73 Kj/g ( estimated)

**FLASH BACK:** YES

**FLASH POINT:** -156F ( -104C) PROPELLANT

**FORM:** AEROSOL

**ODOR:** SOLVENT

**pH:** DOES NOT APPLY

**PHYSICAL STATE:** LIQUID

**PRESSURE:** 53-63 psig@70F  
**SOLUBILITY:** NONE

#### Section 10 – Stability and Reactivity

**STABILITY:** (X) STABLE ( ) UNSTABLE

**CHEMICAL STABILITY:** RISK OF IGNITION

**CONDITIONS TO AVOID:** APPLICATION TO HOT SURFACES, STORAGE ABOVE 120F. 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

**ACUTE EFFECTS: ACUTE LD50:** 30345mg/kg ESTIMATED, RAT, DERMAL

##### COMPONENT ANALYSIS, LD50

ACETONE	67-64-1	ORAL LD50 RAT 5800mg/kg.
TOLUENE	108-88-3	INHALATION LC50 RAT 12.5mg/L, 4 hrs.LC50>26700ppm 1 hr. ORAL LD50 RAT636 mg/kg DERMAL LD50 RABBIT 8390 mg/kg; DERMAL RAT LD5012124 mg/kg
PROPANE	74-98-6	INHALATION LC50, RAT 658mg/L 4 hr.
CARBON BLACK LD50 RABBIT >3g/kg	1333-86-4	ORAL LD50 RAT >15400 mg/kg ; DERMAL

**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.

**WASTE CODES:** D001, WASTE FLAMMABLE MATERIAL WITH FLASH POINT < 140F

#### 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**

**US FEDERAL REGULATIONS:** THIS PRODUCT IS A “HAZARDOUS CHEMICAL” AS DEFINED BY THE OSHA 29CFR 1910.1200

**CERCLA/SARA 313:** TOLUENE CAS# 108-88-3 1.0% de minus concentration

**OSHA:** 29CFR 1910.1200 HAZARDOUS CHEMICAL: YES

**CERCLA REPORTABLE QUANTITY**

ACETONE: 5000

TOLUENE: 1000

**SARA SECTION 302 EXTREMELY HAZARDOUS SUBSTANCE:** NO

**SARA SECTION 311:** YES

**HAZARD CATEGORIES(311/312):** IMMEDIATE HAZARD -YES, DELAYED HAZARD-YES, FIRE HAZARD-YES, PRESSURE HAZARD-YES, REACTIVITY HAZARD: NO

**INVENTORY STATUS;**

CHINA: YES

EUROPE (IECSC) NO

EUROPE (ELINCS) NO

JAPAN (ENCS)YES

TASCA: YES

**STATE REGULATIONS:**

**WARNING:** THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

**Section 16 – Other Information:**

**HMIS RATINGS:** HEALTH; 1, FLAMMABILITY: 4, PHYSICAL HAZARD: 0

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.

**DATE: 02/011/2013**

**AST RUBBER COAT MSDS**