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SDS

Common Name: AST-RTV SILICONE BLACK 8 OZ SELF DISPENSING CAN**Manufacturer:** ANTI-SEIZE TECHNOLOGY**SDS Revision Date:** 1/28/2015**SDS Format:** GHS-US**Grainger Item Number(s):** 34D504**Manufacturer Model Number(s):**

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ANTI-SEIZE TECHNOLOGY
A.S.T. INDUSTRIES, INC.

AST-RTV(TM) SILICONE BLACK 8 OZ SELF DISPENSING CAN

SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION



PRODUCT TYPE: SILICONE ELASTOMERIC, RTV

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)

DATE: JAN 28, 2015

SECTION 2 - HAZARD IDENTIFICATION top

GHS CLASSIFICATION (HAZCOM 2012):

LABEL ELEMENTS: EXCLAMATION MARK

SIGNAL WORD: WARNING

HAZARD PHRASES:

CONTENT UNDER PRESSURE

CAUSES SKIN IRRITATION CATEGORY 2

CAUSES SERIOUS EYE IRRITATION. CATEGORY 2A

CAUSES SKIN SENSITIZATION CATEGORY 1

PRECAUTIONARY PHRASES:

WASH THOROUGHLY AFTER HANDLING.

WEAR PROTECTIVE GLOVES, EYE AND FACE PROTECTION.

USE IN A WELL-VENTILATED AREA.

TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.

KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES OR HOT SURFACES.

PRESSURIZED CONTAINER: DO NOT PIERCE OR BURN, EVEN AFTER USE.

RESPONSE:

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:

AVOID OVEREXPOSURE. DIZZINESS OR RESPIRATORY IRRITATION ARE SIGNS OF OVEREXPOSURE. SEEK FRESH AIR. OR FOLLOW OTHER STANDARD MEDICAL PRACTICES.

STORAGE:

WHEN NOT IN USE KEEP CONTAINER CLOSED
KEEP AWAY FROM CHILDREN

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 top

INGREDIENT	CAS #	%
METHYLTRIAACETOXYSILANE	4253-34-3	1 - 5
ETHYLTRIAACETOXYSILANE	17689-77-9	1 - 5
SILICON DIOXIDE	7631-86-9	10 - 30
NON-HAZARDOUS POLYMER	70131-67-8	60 - 80
ACETIC ACID	64-19-7	1 - 5

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

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EYE:

RINSE OPENED EYE FOR SEVERAL MINUTES UNDER RUNNING WATER. IF SYMPTOMS PERSIST, GET MEDICAL ATTENTION.

SKIN: REMOVE CONTAMINATED CLOTHING. WASH EXPOSED AREA WITH SOAP AND WATER.

INHALATION: SUPPLY FRESH AIR; CONSULT DOCTOR IN CASE OF COMPLAINTS.

INGESTION: RINSE MOUTH WITH WATER. DO NOT INDUCE VOMITING.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:
RESPIRATORY TRACT IRRITATION, EYE IRRITATION.

SECTION 5 - FIRE FIGHTING MEASURES

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EXTINGUISHING MEDIA:

USE WATER SPRAY OR FOG, FOAM, CARBON DIOXIDE OR DRY CHEMICAL. DRY CHEMICAL IS PREFERRED.

SPECIAL HAZARDS ARISING FROM THE PRODUCT: NONE ANTICIPATED.

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

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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 UP 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

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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 DEG. F.
 KEEP CONTAINER CLOSED WHEN NOT IN USE.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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HAZARDOUS COMPONENT	ACGIH TLV	OSHA PEL	OTHER
METHYLTRIACTOXYSILANE	NOT ESTABLISHED	NOT ESTABLISHED	
ETHYLTRIACTOXYSILANE	NOT ESTABLISHED	NOT ESTABLISHED	
SILICON DIOXIDE	6 MG/M3 TWA	20 MPPCF TWA, 0.8 MG/M3 TWA	
ACETIC ACID	15 PPM STEL 10 PPM TWA	10 PPM 25 MG/M3 PEL	

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

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APPEARANCE: CLEAR, VISCOUS SEALANT

ODOR: MILD VINEGAR LIKE ODOR

ODOR THRESHOLD: NOT ESTABLISHED

PH: NO DATA

MELTING POINT/FREEZING POINT: NOT AVAILABLE

BOILING POINT: NO DATA

FLASH POINT: NOT FLAMMABLE

EVAPORATION RATE: NOT AVAILABLE

FLAMMABLE LIMITS:
 LEL: NOT ESTABLISHED
 UEL: NOT ESTABLISHED

VAPOR PRESSURE: NOT ESTABLISHED

VOC CONTENT: <3%

VAPOR DENSITY (AIR = 1): NOT AVAILABLE
SPECIFIC GRAVITY: 1.04
WATER SOLUBILITY: NOT SOLUBLE
OCTANOL/WATER PARTITION COEFFICIENT: NOT AVAILABLE
AUTOIGNITION TEMPERATURE: NOT AVAILABLE
DECOMPOSITION TEMPERATURE: NOT AVAILABLE
VISCOSITY: NOT AVAILABLE
EXPLOSION PROPERTIES: NONE
OXIDIZING PROPERTIES: NOT OXIDIZING
AEROSOL FIRE PROTECTION LEVEL: NOT APPLICABLE
FLAMMABILITY (SOLID, GAS): NOT AVAILABLE

SECTION 10 - STABILITY AND REACTIVITY

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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.

SECTION 11 - TOXICOLOGICAL INFORMATION

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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. WHEN HEATED TO TEMPERATURES EXCEEDING 300 DEG. F (150 DEG. C) IN THE
PRESENCE OF AIR, CURED SILICONES MAY FORM FORMALDEHYDE VAPORS. FORMALDEHYDE
IS A POTENTIAL CARCINOGEN AND IS A KNOWN SKIN AND RESPIRATORY TRACT
IRRITANT.

INGESTION: NOT EXPECTED TO BE HARMFUL BY INGESTION.

CARCINOGEN STATUS: NO

ACUTE TOXICITY VALUES:

SILICON DIOXIDE, AS DUST OR FUME, ORAL, RAT, LD50 >22,000 MG/KG
ACETIC ACID, ORAL, RAT, LD50 3.50 G/KG, DERMAL, RABBIT, LD50, 1,060 MG/KG,

INHALATION, RAT, LC50 (4 HR) 11.4MG/L

SECTION 12 - ECOLOGICAL INFORMATION

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NOT AVAILABLE

SECTION 13 - DISPOSAL CONSIDERATION

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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 LAND FILLED AT AN APPROVED FACILITY.

SECTION 14 - TRANSPORT INFORMATION

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DOT:

PROPER SHIPPING NAME: AEROSOLS
DOT HAZARD CLASS: 2.2
UN NUMBER: UN 1950
PACKING GROUP: NONE

IMDG:

SHIPPING DESCRIPTION: AEROSOLS
HAZARD CLASS: 2.2
IDENTIFICATION NUMBER: UN 1950
PACKING GROUP: NONE

ICAO/IATA:

SHIPPING DESCRIPTION: AEROSOLS, NON-FLAMMABLE
ID NUMBER: UN 1950
HAZARD CLASS: 2.2
PACKING GROUP: NONE

SECTION 15 - REGULATORY INFORMATION

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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.

CALIFORNIA PROPOSITION 65:

THIS PRODUCT IS NOT KNOWN TO CONTAIN LISTED CHEMICALS.

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.