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AST-RTV™ SILICONE HI-TEMP RED ADHESIVE / SEALANT / INSTANT GASKET STOCK # ('S): 27105, 27035 MATERIAL SAFETY DATA SHEET

Section 1- Chemical Product and Company Identification

Manufacture: Anti-Seize Technology
2345 N. 17th Ave.
Franklin Park, IL 60131
Phone: 847-455-2300
Emergency Phone, 24 hr: Infotrac @ 1-800-535-5053 or 352-323-3500

Section 2-Composition/ Information on Ingredients

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
METHYLTRIACTOXYLSILANE	4253-34-3	NOT ESTABLISHED		NO	NO	2
ETHYLTRIACTOXYLSILANE	17689-77-9	NOT ESTABLISHED		NO	NO	2
SILICONE	7631-86-9	20mppcf	10mg/m3	NO	NO	9
NON-HAZARDOUS POLYMER	70131-67-8	NOT ESTABLISHED		NO	NO	87
IRON OXIDE						

ACETIC ACID FUMES ARE FORMED DURING THE CURING PROCESS. THESE FUMES MAY BE IRRITATING TO THE RESPIRATORY TRACT.
THE EXPOSURE LIMITS FOR ACETIC ACID IS 10ppm (PEL), 15ppm (STEL)

Section 3- Hazard Identification

ROUTES OF ENTRY: SKIN EYES INHALATION INGESTION
HEALTH HAZARDS: READ THE WARNING LABELS ON THE CAN FOR ADDITIONAL INFORMATION.
THIS PRODUCT RELEASES ACETIC ACID VAPORS WHEN THE PRODUCT IS CURING. THESE VAPORS MAY IRRITATE THE SKIN OR RESPIRATORY TRACT IF THE CONCENTRATION IS HIGH ENOUGH. THIS PRODUCT IS NOT EXPECTED TO CAUSE AN ACUTE HEALTH REACTION UNDER NORMAL CONDITIONS OF USE. MAINTAIN THE AIR QUALITY BY USING WITH ADEQUATE VENTILATION, LOCAL EXHAUST OR RESPIRATOR. IF PROLONGED SKIN CONTACT IS EXPECTED, WEAR LATEX GLOVES TO MINIMIZE EXPOSURE.
AT TEMPERATURES EXCEEDING 300 F, THIS PRODUCT CAN FORM FORMALDEHYDE VAPORS WHICH IS A POTENTIAL CARCINOGEN.

Section 4 – First Aid Measures

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.
CHEMICAL ('S) LISTED AS CARCINOGENS
NPT? NO I.A.R.C. ? : NO OSHA? : NO

Section 5 – Fire Fighting Measures

AEROSOL FLAMMABILITY: PRODUCT IN NON-FLAMMABLE,
FLAMMABLE LIMITS: LEL: NO DATA UEL: NO DATA
EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: CANS MAY RUPTURE, BURST 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

SPILL/ LEAKAGE PROCEDURES: AVOID BREATHING VAPORS. VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN A CLOSE CONTAINER FOR DISPOSAL.

Section 7 – Handling and Storage

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE IN A COOL, WELL VENTILATED AREA. DO NOT STORE ABOVE 120 F.

OTHER PRECAUTIONS: DO NOT TAMPER WITH VALVE. DO NOT PUNCTURE, DO NOT SPAY IN EYES OR INGEST, READ THE PRODUCT LABEL FOR ADDITIONAL INFORMATION. KEEP AWAY FROM CHILDREN.

Section 8 – Exposure Controls / Personal Protection

RESPIRATORY PROTECTION: NORMALLY NOT REQUIRED. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE A LOCAL EXHAUST TO REMOVE VAPORS, AND MAINTAIN AIR QUALITY. IF TLV'S ARE ABOVE ACCEPTABLE LIMITS USE A SELF CONTAINED BREATHING APPARATUS.

PROTECTIVE GLOVES: NORMALLY NOT REQUIRED. LATEX GLOVES IF PROLONGED SKIN CONTACT IS EXPECTED.

EYE PROTECTION: SAFETY GLASSES WITH SIDE SPLASH SHIELDS ARE RECOMMENDED.

WORK/HYGIENIC PRACTICES: USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING.

Section 9 – Physical and Chemical Properties

BOILING POINT: DOES NOT APPLY

MELTING POINT: DOES NOT APPLY

VAPOR DENSITY (AIR = 1): NO DATA

EVAPORATION RATE (BUTYL ACETATE = 1): < 1

APPEARANCE AND ODOR: GELLED SEALANT WITH SLIGHT VINEGAR LIKE ODOR

SOLUBILITY IN WATER: NIL

REACTIVITY IN WATER: NONE

SPECIFIC GRAVITY: 1.04

VOC CONTENT: 4.3%, 46.7g/L

Section 10 – Stability and Reactivity

STABILITY: (X) STABLE () UNSTABLE

CONDITIONS TO AVOID: EXPOSURE TO OPEN FLAMES.

INCOMPARABILITY, (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS. WATER WILL CAUSE THE SEALANT TO CURE.

HAZARDOUS DECOMPOSITION PRODUCTS: ACETIC ACID VAPORS. 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

SEE SECTION 2 FOR ADDITIONAL INFORMATION AND EXPOSURE LIMITS

Section 12 – Ecological Information

NO ADDITIONAL INFORMATION IS AVAILABLE. THIS PRODUCT IS NOT EXPECTED TO BIOACCUMULATE.

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

TRANSPORTATION BY LAND (49CFR): NOT REGULATED

TRANSPORTATION BY AIR (ICAO/IATA): NOT REGULATED

TRANSPORTATION BY SHIP (IMO/IMDG): NOT REGULATED

WHMIS: NOT REGULATED.

Section 15 – Regulatory Information

CALIFORNIA PROPOSITION 65: NO

SHIPPING NAME: CONSUMER COMMODITY

RCRA: NO

SARA TITLE III: NO

CERCLA: NO

TASCA INVENTORY: ALL INGREDIENTS LISTED

N.F.P.A. RATING: H-1, F-1, R -0

UN or ID NUMBER;

TASCA: ALL COMPONENTS LISTED

OZONE DEPLETING SUBSTANCES: NO PROPER

DOT HAZARD CLASS: UNRESTRICTED

IDENTIFICATION NUMBER: ONE

MARINE POLLUTANT: NO

IATA; NO RESTRICTIONS

PROPER SHIPPING NAME: CONSUMER COMMODITY

CLASS OR DIVISION:

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.

DATE: 01/15/2009

AST-RTV HI TEMP RED, 16 PART ISO MSDS