

M A T E R I A L S A F E T Y D A T A S H E E T

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KENT INDUSTRIES * EMERGENCY/INFORMATION TELEPHONE:
4500 EUCLID AVENUE *
CLEVELAND, OHIO 44103 * 216/391-8300
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* FORMULA: TM-3163 DATE: 02/01/90
* MSDS EFFECTIVE: 01/29/93 BY: C MOORE
* SUPERSEDES MSDS OF: 01/05/92
*
MAIL TO: *
SOUTH CENTRAL TECHNICAL COLLEGE * CDF: 173658
1920 LEE BLVD. * INVOICE: 413505
MANKATO MN 56001 *
* SDS KEY: 0072105
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 DEAR CUSTOMER:

IN COMPLIANCE WITH THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA TITLE III, SECTION 313), FEDERAL HAZARD COMMUNICATIONS REGULATIONS (WHMIS AND OSHA 29 CFR 1910.1200) AND IN THE INTEREST OF INFORMED USE OF OUR PRODUCT, WE ARE PROVIDING YOU WITH THIS MATERIAL SAFETY DATA SHEET (MSDS).

THIS MSDS WILL BE UPDATED REGULARLY TO REFLECT THE MOST RECENT INFORMATION IN OUR POSSESSION. PLEASE ENSURE THAT OBSOLETE MSDS SHEETS IN YOUR FILES FOR THIS PART NUMBER ARE DISCARDED.

WE THANK YOU FOR YOUR CONTINUED PATRONAGE AND LOOK FORWARD TO PROVIDING YOU WITH ADDITIONAL QUALITY PRODUCTS AND SERVICES.

***** SECTION I - PRODUCT IDENTIFICATION *****

PART NUMBER: 10210
 PRODUCT NAME: SG A ADHESIVE GASKET E Z SPRAY
 TRADE NAME/SYNONYMS: SG-A GASKET ADHESIVE E-Z SPRAY
 CHEMICAL FAMILY: PRESSURIZED PRODUCT

***** SECTION II - HAZARDOUS INGREDIENTS *****

INGREDIENT	CAS NO.	WT %	PEL	TLV	STEL	UNITS	LC50,PPM	LD50, MG/KG
ACETONE	#00067-64-1	44	750	750	1000	PPM	RAT >16000	MIC I 3000 RAB A20000
TOLUENE	#00108-88-3	1	100	50	150	PPM	MIC 5320	RAT I 636 RAB A12124
PROPANE	00074-98-6	13	1000	N/A	N/A	PPM	M LD 10000	N/A
ETHYL ACETATE	00141-78-6	1	400	400	500	PPM	RAT 1600	MIC I 4100
ISOBUTANE	00075-28-5	12	N/A	N/A	N/A	PPM	N/A	N/A
HEXANE	00110-54-3	2	50	50	N/A	PPM	MIC >9950	RAT I 28710
BUTANE	00106-97-8	12	800	800	N/A	PPM	MIC 680	N/A

OSHA NON-HAZARDOUS: @
 HYDROCARBON RESIN @08050-31-5 >3

INGREDIENTS TOTAL WT % ARE BELOW 100% ONLY IF ALL OTHERS UNLISTED ARE NOT CONSIDERED HAZARDOUS BY ANY FEDERAL (OSHA, WHMIS, SARA), ANY STATE OR PROVINCE, OR LOCAL RIGHT-TO-KNOW REGULATIONS

SYMBOLS, ABBREVIATIONS AND NOTATIONS:
 N/A=NOT AVAILABLE OR APPLICABLE, C=CEILING LIMIT, S=SKIN DESIGNATION
 #=LISTED IN SARA TITLE III SECTION 313, *=IF FOUND AS DUST, MIST OR FUME
 M=HUMAN, RAB=RABBITS, GPG=GUINEA PIGS, MIC=MICE
 I=INGESTION, A=SKIN ABSORPTION, LO=LITTLE OBSERVABLE EFFECT, NO=NO EFFECT
 PEL=OSHA PERMISSIBLE EXPOSURE LIMIT, TLV=ACGIH THRESHOLD LIMIT VALUE
 STEL=SHORT TERM EXPOSURE LIMIT, @=NON-HAZ. INGRED. AMONG 5 MOST PREDOM. SUBST.

***** SECTION III - PHYSICAL DATA *****

BOILING PT DEG F/C: 104 F/40 C SPECIFIC GRAVITY:1.2
VAPOR PRESSURE (MM HG):4.77 %VOLATILE VOLUME:88
VAPOR DENSITY(AIR=1):4.0 EVAPORATION RATE:(WATER=1) >1
SOLUBILITY IN WATER: 44% WATER/OIL DIST COEFF:0.8
APPEARANCE AND ODOR: RED SOLUTION, SOLVENT ODOR
PHYSICAL STATE: LIQUID,AEROSOL PH: N/A
FREEZE PT DEG F/C: -124 F/-87 C THRESHOLD ODOR,PPM:
OTHER: N/A

VOC:LBS/GAL=4.96; GRAMS/LITER=359 ; GRAMS VOC/GRAM SOLID=0.49; % VOC 85%
***** SECTION IV - FIRE AND EXPLOSION HAZARD DATA *****

CLASSIFICATION: FLAMMABLE AEROSOL NFPA RATING: 2,4,0
COMBUSTION PRODUCTS: CO2, CO
FLASH POINT DEG F/C: PROPELLANT -40 F/ -40 C LELX:1.8% UELX:12.0
EXTINGUISHING MEDIA: WATER, FOG, FOAM, CO2, DRY CHEMICAL
UN/NA/PIN#: ORM-D SPECIAL FIRE FIGHTING PROCEDURES:
FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING EQUIPMENT.
AUTO IGN. TEMP DEG F/C: 896 F/480 C UNUSUAL FIRE AND EXPLOSION HAZARDS:
EXPOSURE TO FIRE, HEAT OR PROLONGED SUNLIGHT MAY CAUSE BURSTING, IF USED IN
CONFINED SPACES, HAZARDOUS VAPORS MAY SPREAD, BURN OR BUILD UP IN LOW
AREAS. CONTACT WITH FLAME OR HOT SURFACES MAY PRODUCE TOXIC GASES.
EXPLOSIVE POWER: HIGH IMPACT SENSITIVE: NO
BURNING RATE: HIGH STATIC SENSITIVE: YES FLAMMABLE

***** SECTION V - HEALTH HAZARD DATA *****

PRODUCT GUIDE:TLV (SEE SECTION II) STEL: (SEE SECTION II)
ROUTES OF ENTRY: SKIN CONTACT,EYE, INHALATION
EFFECTS OF OVEREXPOSURE:
CAUSES EYE IRRITATION. VAPORS IN HIGH CONCENTRATION ARE ANESTHETIC AND
IRRITATE UPPER RESPIRATORY SYSTEM. EXCESS INHALATION MAY CAUSE DIZZINESS,
GIDDINESS, AND NAUSEA. MISUSE OR DELIBERATE INHALATION MAY BE HARMFUL OR
FATAL. PROLONGED AND REPEATED INHALATION MAY BE HARMFUL TO RESPIRATORY
SYSTEM, CNS, HEART, KIDNEYS, AND LIVER. HARMFUL IF SWALLOWED.
LONG TERM EXPOSURE MAY RESULT IN BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
LISTED AS A SUSPECTED CARCINOGEN: NO

EMERGENCY AND FIRST AID PROCEDURES:
EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MIN. & CALL PHYSICIAN.
SKIN: WASH THOROUGHLY WITH PLENTY OF SOAP & WATER. INHALATION: IF AFFECTED,
REMOVE TO FRESH AIR, ADMINISTER OXYGEN & CALL PHYSICIAN. INGESTION: SEEK
PHYSICIAN IMMEDIATELY, SHOW MSDS OR LABEL. DO NOT INDUCE VOMITING.

***** SECTION VI - REACTIVITY DATA *****

STABLE: YES CONDITIONS TO AVOID:
KEEP AWAY FROM HEAT, SPARKS, FLAMES, OR SOURCES OF IGNITION.
INCOMPATIBILITY(MATERIALS TO AVOID): NO
HAZARDOUS DECOMPOSITION PRODUCTS: YES CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: NO CONDITIONS TO AVOID:
N/A

***** SECTION VII - SPILL OR LEAK PROCEDURES *****

LISTED IN: SARA TITLE III, #302: NO #304,CERCLA: YES #313: YES
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA. WEAR APPROVED
RESPIRATORY PROTECTION, PROTECTIVE CLOTHING, GLOVES, AND EYE/FACE
PROTECTION. CLEAN UP WITH ABSORBENT MATERIAL. CONTAIN AND PICK UP WASTE
MATERIAL. PUT IN SEALED APPROVED CONTAINER.
REPORT QUANTITY, LB: 2000 KG: 909 TPQ, LB: N/A
REGULATIONS: SARA, CERCLA, RCRA, PROV/STATE, WHMIS OTHER: N/A
HAZARD WASTE: FLAMMABLE, TOXIC, AEROSOL
NO.: D001,U002 DISPOSAL METHOD:
DISPOSE OF WASTES IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL
REGULATIONS. ALWAYS READ AND FOLLOW LABEL WARNINGS. DO NOT PUNCTURE,
INCINERATE (OR BURN) CONTAINERS. DO NOT EMPTY INTO DRAINS.

***** SECTION VIII - SAFE HANDLING AND PROTECTION INFORMATION *****
RESPIRATORY PROTECTION: USE ONLY IN WELL VENTILATED AREAS.

VENTILATION-LOCAL: REQUIRED
MECHANICAL: REQUIRED

SPECIAL: AVOID HEAT & FLAMES
OTHER: N/A

PROTECTIVE GLOVES: SOLVENT RESISTANT
OTHER PROTECTIVE EQUIPMENT:

EYE PROTECTION: SAFETY GLASSES

IF VENTILATION IS INADEQUATE, WEAR APPROVED RESPIRATORY EQUIPMENT.

ESTIMATED LD50, MG/KG: YES ORAL RAT 636 ; DEMAL RABBIT 12124

ESTIMATED LC50, PPM: YES INHALATION MICE 680

SENSITIZATION: NO

IRRITANT: YES EYES

SYNERGISTIC AGENTS: NO

***** SECTION IX - SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

USE ONLY WITH ADEQUATE VENTILATION. KEEP AWAY FROM HEAT, SPARKS OR SOURCES OF IGNITION. AVOID PROLONGED OR REPEATED BREATHING OF GAS, FUMES, VAPOR, OR SPRAY MIST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER USING. DO NOT TAKE INTERNALLY. IN CASE OF ACCIDENT OR ILLNESS SEEK A PHYSICIAN IMMEDIATELY AND SHOW THE LABEL OR MSDS.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

ALWAYS READ AND FOLLOW DIRECTIONS ON PRODUCT LABEL.

ADDITIONAL TECHNICAL DATA SHEETS AND/OR MATERIAL SAFETY DATA SHEETS (MSDS)

ARE AVAILABLE UPON REQUEST. FOR PROFESSIONAL AND INDUSTRIAL USE ONLY.

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