

HMIS RATING	
Health	2
Flammability	3
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	2
Reactivity	0
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-010
 PRODUCT NAME.....LOCTITE FORM-A-GASKET #2, 30514
 CHEMICAL FAMILY.....N/A
 DOT SHIPPING.....Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Clay (1332-58-7)	15mg/m ³	2mg/m ³	None	30-60
Vegetable oil (68187-84-8)	None	None	None	10-30
Rosin (8050-09-7)	None	None	None	10-30
Methyl acetate (79-20-9)	200ppm	200ppm	250ppm	10-30
Titanium Dioxide (13463-67-7)	15mg/m ³	10mg/m ³	3ppm	1-5
Soy lecithin (8030-76-0)	None	None	None	1-5
Silica, quartz (14808-60-7)	0.1mg/m ³	.05mg/m ³	None	0.1-1
Carbon black (1333-86-4)	3.5mg/m ³	3.5mg/m ³	None	0.1-1

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE).....Not available
 VAPOR PRESSURE PSIG @ 68°F.....Not available
 VAPOR DENSITY (AIR = 1).....Not available
 SOLUBILITY IN WATER.....Partial
 SPECIFIC GRAVITY (H₂O = 1).....1.55
 MELTING/FREEZING POINT.....N/A
 EVAPORATION RATE (61%=1).....Not available
 VOC content (by weight).....0.3%, 4.65 g/L
 APPEARANCE AND ODOR.....Black Paste/ Ester-like odor

4. FIRE AND EXPLOSION DATA

FLASH POINT.....Product is a solid. Per ASTM D 4359
 UPPER EXPLOSIVE LIMIT (%).....12
 LOWER EXPLOSIVE LIMIT (%).....2
 EXTINGUISHING MEDIA.....Foam, dry chemical, CO₂
 SPECIAL FIREFIGHTING PROCEDURES.....As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.
 HAZARDOUS COMBUSTION PRODUCTS.....Aldehydes. Oxides of carbon. Carboxylic acids.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Skin absorption, Inhalation, Eye contact
 HEALTH HAZARDS (ACUTE AND CHRONIC).....May cause allergic skin reaction, may cause eye, skin and respiratory tract irritation. May be harmful if swallowed.
 EYE CONTACT.....May cause irritation.
 INGESTION.....May cause gastrointestinal tract irritation, nausea, vomiting and diarrhea.
 INHALATION.....May cause irritation to nose and throat. May cause respiratory tract irritation. Vapor overexposure may cause drowsiness.
 SKIN CONTACT.....May cause skin irritation. May cause allergic skin reaction. Repeated or prolonged contact may result in drying of skin.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....Eye, skin and respiratory disorders

5. HEALTH EFFECTS DATA CON'T.

FIRST AID PROCEDURES

EYE CONTACT.....Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open at all times. Obtain medical attention.
 SKIN CONTACT.....Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
 INGESTION.....Do not induce vomiting. Keep individual calm. Obtain medical attention.
 INHALATION.....Remove to fresh air. If symptoms develop and persist, get medical attention.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Silica, quartz, is a known carcinogen

6. REACTIVITY

STABILITY.....Stable under normal conditions.
 INCOMPATIBILITIES.....Strong oxidizing agents. Amines. Ammonia. Strong acids. Sulfuric acid. Nitric acid. Avoid heat, flames, sparks and other sources of ignition.

HAZARDOUS DECOMPOSITION

PRODUCTS.....Oxides of carbon. Aldehydes. Carboxylic acids.

HAZARDOUS POLYMERIZATION.....Will not occur under normal conditions.

HAZARDOUS POLYMERIZATION CONDITIONS.....None known.

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT

REQUIREMENTS.....Tightly sealed goggles with side shields, impermeable gloves and protective clothing as necessary to prevent skin contact. Local exhaust ventilation may be necessary to control air contaminants to within TLVs during the use of this product.

WASH REQUIREMENTS.....Wash with soap and water.

SPILL OR LEAK PROCEDURES.....Remove all sources of ignition. Ensure adequate ventilation. Scrape up spilled material and place in sealed container for disposal.

WASTE DISPOSAL METHODS.....Dispose of in accordance with local, state, and federal regulations.

HANDLING & STORAGE.....Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only adequate ventilation. Store below 100°F.

OTHER PRECAUTIONS.....Use NIOSH approved respirator with an organic vapor cartridge; avoid prolonged breathing of vapors; protection provided by air purifying respirators is limited.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

KIMBALL MIDWEST

Specializing in Materials Management since 1923

CONTACT THE 1-800-424-9300 FOR THE LATEST UPDATE 7/08