EXTEND RUST TREATMENT 80-182

HMIS RATING	
Health	3
Flammability	3
Reactivity	1

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	2
Flammability	3
Reactivity	1
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER.....80-182
PRODUCT NAME.....Extend Rust Treatment, Aerosol (Loctite 30539)
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....Unrestricted

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Acetone (67-64-1)	1000ppm	500ppm	750ppm	30-60
Dimethyl Ether (115-10-6)	None	None	None	30-60
2-butoxyethanol (111-76-2)	50ppm	20ppm	None	5-10
Vinyl Resin (proprietary)	None	None	None	1-5
Formic Acid (64-18-6)	5ppm	5ppm	10ppm	1-5

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).....N/A
VAPOR PRESSURE PSIG @ 80°F.....N/A
VAPOR DENSITY (AIR = 1).....Heavier than air.
SOLUBILITY IN WATER.....Not available
SPECIFIC GRAVITY (H2O = 1).....0.75
MELTING/FREEZING POINT.....N/A
EVAPORATION RATE (61%=1).....Faster than ether.
VOC content (by weight).....50.4%
APPEARANCE AND ODOR.....Translucent Liquid/ Acetone-like odor

4. FIRE AND EXPLOSION DATA

FLASH POINT.....<0°C (propellant) TCC. This product exhibits flashback when tested for flame extension.
UPPER EXPLOSIVE LIMIT (%).....57.0
LOWER EXPLOSIVE LIMIT (%).....1.1
EXTINGUISHING MEDIA.....Foam, dry chemical, CO_2
SPECIAL FIREFIGHTING PROCEDURES.....Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. If water is used, fog nozzles are preferable. Water may be used to cool container to prevent pressure build up and possible auto ignition or explosion when exposed to extreme heat.
FIRE AND EXPLOSION HAZARDS.....Closed containers may explode (due to build-up of pressure) when exposed to extreme heat.
HAZARDOUS COMBUSTION PRODUCTS.....Oxides of carbon. Irritating organic fragments.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Inhalation, skin or eye contact.
HEALTH HAZARDS (ACUTE AND CHRONIC).....Contents under pressure. Extremely flammable liquid and vapor. May cause eye, skin and respiratory tract irritation. May cause eye, skin and respiratory burns.
INHALATION.....Mists, vapors or liquid may cause severe irritation or burns.
SKIN CONTACT.....Exposure to mists, liquid or vapor may cause severe skin irritation or burns.
EYE CONTACT.....Exposure to mists, vapors and liquid may cause severe eye irritation or burns.
INGESTION.....Not expected under normal conditions of use. May be harmful if swallowed.

5. HEALTH EFFECTS DATA CON'T.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE.....Not available.

FIRST AID PROCEDURES

EYE CONTACT.....Flush with copious amounts of 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.....If swallowed, seek medical advice immediately and show this container or label. Immediately give plenty of water (if possible charcoal slurry). Do not induce vomiting.
INHALATION.....Remove to fresh air. If symptoms develop and persist, get medical attention.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines).....This product contains a chemical known to the state of California to cause cancer and birth defects or other reproductive harm. Benzene (trace amount), Formaldehyde (trace amount), Acetaldehyde (trace amount)

6. REACTIVITY

STABILITY.....Stable under normal conditions.
INCOMPATIBILITIES.....Oxidizing agents. Avoid heat, flames and sparks.
HAZARDOUS DECOMPOSITION PRODUCTS.....Carbon oxides.
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. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves. 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.....Soak up with inert. Store in partly filled, closed container until disposal.
WASTE DISPOSAL METHODS.....Dispose of in accordance with local, state, and federal regulations.
HANDLING & STORAGE.....Avoid contact with eyes, skins 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
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