

HMIS RATING	
Health	2
Flammability	1
Reactivity	0

MATERIAL SAFETY DATA SHEET

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

Kimball-Midwest
P.O. Box 2488
Columbus, OH 43216-2488
Corporate & Emergency Telephone (614-228-6701)

1. PRODUCT IDENTIFICATION

PART NUMBER80-111
PRODUCT NAMESEIZE RELEASE ANTI-SEIZE COMPOUND
1/2 Pound Brush Top Can
CHEMICAL FAMILY.....N/A
DOT SHIPPING.....Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

Specific chemical identity, common names	OSHA PEL	ACGIH STEL	%
Molybdenum Disulfide (1317-33-5)	-	15mg/m3	-
*Aluminum Paste Pigment (7429-90-5)	-	5mg/m3	-
Proprietary Items	-	-	3

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements 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.

3. PHYSICAL DATA

BOILING POINT (RANGE)..... Not determined
VAPOR PRESSURE PSIG @ 70° F..... Not determined
VAPOR DENSITY (Air = 1)..... Lighter than air
SOLUBILITY IN WATER..... Negligible
SPECIFIC GRAVITY (H₂O = 1)..... 1.1
MELTING/FREEZING POINT..... Not determined
EVAPORATION RATE (Eiher = 1)..... Slower than ether
PERCENT VOLATILE (by volume)..... N/A
APPEARANCE AND ODOR..... Silver, buttery paste, mild odor

4. FIRE AND EXPLOSION DATA

FLASH POINT 450° F C.O.C.
UPPER EXPLOSIVE LIMIT (%) N/A
LOWER EXPLOSIVE LIMIT (%) N/A
EXTINGUISHING MEDIA..... Dry chemical, CO₂, or foam, water fog
SPECIAL FIREFIGHTING PROCEDURES Water or foam, sprayed into burning compound may cause frothing. Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.
FIRE AND EXPLOSION HAZARDS..... Dense smoke may be generated. Avoid fumes of burning product.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY..... Skin, eyes, ingestion, inhalation.
HEALTH HAZARDS (Acute & Chronic)..... SKIN: Prolonged or repeated skin contact tends to remove skin oils, possibly leading to irritation and dermatitis. Accidental high pressure injection into skin requires immediate medical attention.
EYE CONTACT: Can cause tearing, redness, blurred vision, and irritation.
INGESTION: Can cause gastrointestinal irritation, vomiting, nausea and diarrhea.
INHALATION: Very low vapor pressure. Vapor inhalation under ambient conditions is normally not a problem.
No chronic health problems.

SIGNS AND SYMPTOMS OF EXPOSURE..... Inhalation: Difficulty in breathing, headache, nausea.
Skin: Redness. Ingestion: Vomiting and nausea.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE..... N/A

5. HEALTH EFFECTS DATA (Continued)

FIRST AID PROCEDURES

EYES..... Flush with water for at least 15 minutes. If irritation persists, obtain medical attention.
SKIN CONTACT Wash with soap and water. If irritated, seek medical attention.
INHALATION..... Remove to fresh air. If breathing stops, begin artificial respiration. Obtain immediate medical attention.
INGESTION..... Induce vomiting and give large quantities of water. Call a physician immediately. Never induce vomiting to an unconscious person.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Presently not on any lists.

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES..... High temperatures sparks, open flame, strong oxidants and acids.
NFPA REACTIVITY HAZARD..... N/A
HAZARDOUS DECOMPOSITION PRODUCTS May produce hazardous fumes when heated to decomposition. Fumes may contain carbon dioxide and/or carbon monoxide.
HAZARDOUS POLYMERIZATION..... Will not occur.
HAZARDOUS POLYMERIZATION CONDITIONS..... None known.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

PROTECTIVE EQUIPMENT

REQUIREMENTS Safety glasses or goggles. Protective gloves are optional. Ventilation sufficient to maintain vapor concentrations below TLV.
WASH REQUIREMENTS Wash with soap and water.
SPILL OR LEAK PROCEDURES Remove sources of ignition. Avoid breathing vapors. Ventilate area. Wipe up with inert materials, place in appropriate container.
WASTE DISPOSAL METHODS Dispose of in accordance with all local, state and federal regulations.
HANDLING & STORAGE..... Keep away from heat, sparks, or open flame. Store at temperatures below 120° F.
OTHER PRECAUTIONS..... Use NIOSH approved respirator if TLV limits are exceeded. Avoid prolonged breathing of vapors or spray mist. Use with adequate ventilation.

8. ADDITIONAL INFORMATION

Use self contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCT(S). SUCH ARE BASED ON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND ARE 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 OPERATION CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL
MIDWEST**
Your Partner in Performance

HMIS RATING	
Health	1
Flammability	0
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	1
Flammability	0
Reactivity	0
NFPA 30B LEVEL	
N/A	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-113
PRODUCT NAME SEIZE RELEASE ANTI-SEIZE COMPOUND
170 Gram Pressure Can Applicator
CHEMICAL FAMILY N/A
DOT SHIPPING Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

Specific chemical identity, common names	OSHA PEL	ACGIH TLV	STEL	%
Petroleum Oil Mixture (8002-05-9)	5mg/m ³	5mg/m ³	-	-
	TWA for oil mist			
Proprietary Items				3

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3. PHYSICAL DATA

BOILING POINT (RANGE) N/A
VAPOR PRESSURE PSIG @ 70°F N/A
VAPOR DENSITY (Air = 1) 12
SOLUBILITY IN WATER Negligible
SPECIFIC GRAVITY (H₂O = 1) 0.8
MELTING/FREEZING POINT N/A
EVAPORATION RATE (Water = 1) N/A
APPEARANCE AND ODOR Metallic silver gel, oil odor

4. FIRE AND EXPLOSION DATA

FLASH POINT >400°F COC
UPPER EXPLOSIVE LIMIT (%) N/E
LOWER EXPLOSIVE LIMIT (%) N/E
EXTINGUISHING MEDIA Foam, Dry Chemical, CO₂, water.
SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus. Use water to cool fire-exposed containers, structures and to protect personnel. Water or foam may cause frothing.
FIRE AND EXPLOSION HAZARDS Empty container may contain residue including flammable or explosive vapors.
NFPA FLAMMABILITY HAZARD 0

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Skin, Ingestion, Inhalation
HEALTH HAZARDS (Acute & Chronic) Inhalation: Not expected to be a problem. Massive exposure to vapor or fumes may cause headache, dizziness and/or drowsiness.
Eye Contact: May cause Irritation.
Skin Contact: Repeated or prolonged contact may cause Irritation and/or dermatitis.
Ingestion: May cause gastrointestinal distress: nausea, vomiting, diarrhea.
No known chronic effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE Dermatitis

5. HEALTH EFFECTS DATA (Continued)

FIRST AID PROCEDURES

EYES Flush with water for at least 15 minutes. If irritated, obtain medical attention.
SKIN CONTACT Wash with soap and water. If irritated, seek medical attention.
INHALATION Remove to fresh air. Give oxygen if needed. If symptoms persist, obtain medical attention.
INGESTION Do not induce vomiting. Drink 2-3 large glasses of water. Obtain medical attention immediately.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Presently not on any list.

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES High temperatures sparks, open flame, strong oxidizing agents.

NFPA REACTIVITY HAZARD 0
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon, unidentified organics.
HAZARDOUS POLYMERIZATION Will not occur.
HAZARDOUS POLYMERIZATION CONDITIONS None known.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

PROTECTIVE EQUIPMENT REQUIREMENTS Safety glasses or goggles. Protective oil resistant gloves if skin easily irritated. Ventilation sufficient to maintain vapor concentrations below TLV.
WASH REQUIREMENTS Wash with soap and water.
SPILL OR LEAK PROCEDURES Use absorbent sweeping compound to soak up material. Put into properly labeled non-leaking container.
WASTE DISPOSAL METHODS Dispose of in accordance with local, state and federal regulations.
HANDLING & STORAGE Keep away from heat, sparks, or open flame. Store at temperatures below 120°F. Do not puncture or incinerate pressurized containers.
OTHER PRECAUTIONS If TLV is exceeded, use NIOSH approved respirator. Avoid prolonged breathing of vapors. Use with adequate ventilation.

8. ADDITIONAL INFORMATION

Use self contained breathing apparatus if TLV limits are exceeded. Do not wear oil soaked clothing. Do not smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCT(S). SUCH ARE BASED ON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND ARE 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 OPERATION CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

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