

COMPLETE BRAKE FINISHING TREATMENT

80-1096

HMIS RATING	
Health	1
Flammability	4
Reactivity	0

MATERIAL SAFETY DATA SHEET

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

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1. PRODUCT IDENTIFICATION

PART NUMBER..... 80-1096
PRODUCT NAME..... COMPLETE Brake Finishing Treatment.
CHEMICAL FAMILY..... N/A
DOT SHIPPING..... Aerosol- Consumer Commodity

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
Propane/Isobutane/N-Butane (68476-86-8)	800ppm	1000ppm	-	<30
Propane/Isobutane/N-Butane (68476-86-8)	800ppm	1000ppm	-	<25
Stoddard Solvents (8052-41-3)	100ppm	100ppm	-	<25
N-Heptane (142-82-5)	400ppm	400ppm	500ppm	<15
*Aluminium Flake (7429-90-5)	15mg/m ³ dust	10mg/m ³ dust	-	<4

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.

3. PHYSICAL DATA

BOILING POINT (RANGE)..... -43 - 387°F
VAPOR PRESSURE mmHg@ 20°C..... 55 - 65
VAPOR DENSITY (AIR = 1)..... >1
SOLUBILITY IN WATER..... Negligible
SPECIFIC GRAVITY (H₂O = 1)..... 0.6629
MELTING/FREEZING POINT..... N/A
EVAPORATION RATE (Ether=1)..... N/A
VOC content (by weight)..... 548g/L
APPEARANCE AND ODOR..... Aluminium liquid/solvent odor

4. FIRE AND EXPLOSION DATA

FLASH POINT..... -156°F TCC
UPPER EXPLOSIVE LIMIT (%)..... 9.5
LOWER EXPLOSIVE LIMIT (%)..... 0.7
EXTINGUISHING MEDIA..... Dry chemical, foam, CO₂, water fog
SPECIAL FIREFIGHTING PROCEDURES..... Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus
FIRE AND EXPLOSION HAZARDS..... Vapors can travel to a source of ignition and flash back. Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, or other sources of ignition - they may explode.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY..... Skin, Eyes, Inhalation
HEALTH HAZARDS (ACUTE AND CHRONIC)..... Vapors irritating to eyes and respiratory tract. Vapors may cause flash fire or explosion. Overexposure may cause nervous system damage, lung damage, kidney damage, and liver damage.
EYE CONTACT..... Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
SKIN CONTACT..... Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis.

5. HEALTH EFFECTS DATA (CONT'D)

INHALATION..... Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from overexposure. Prolonged inhalation may be harmful.
INGESTION..... May be harmful or fatal if swallowed.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE..... None known

FIRST AID PROCEDURES

EYES..... Flush with water for at least 15 minutes, obtain medical attention if irritation persists.
SKIN CONTACT..... Wash with soap, large volumes of water.
INGESTION..... Do not induce vomiting; keep individual calm; obtain immediate medical attention.
INHALATION..... Remove to fresh air; give oxygen, obtain immediate medical attention. Call poison control center or physician. Never give anything by mouth to an unconscious person.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines)..... This product contains chemicals known to the state of California to cause cancer, birth defects and other reproductive harm.

6. REACTIVITY

STABILITY..... Stable
INCOMPATIBILITIES..... Strong acids, alkalis, oxidizers and amines. Avoid all sources of ignition, welding arcs, and open flames.
HAZARDOUS DECOMPOSITION PRODUCTS..... Oxides of carbon, oxides of nitrogen, and may produce forms of chloride, chlorine and phosgene.
HAZARDOUS POLYMERIZATION..... Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS..... None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS..... Safety glasses or goggles with side shields; neoprene, rubber, or polyethylene gloves; ventilation sufficient to maintain vapor concentrations below TLV
WASH REQUIREMENTS..... Wash with soap and water
SPILL OR LEAK PROCEDURES..... Soak up with inert absorbent; store in a partly filled closed container until disposal
WASTE DISPOSAL METHODS..... Incinerate following EPA and local regulations. Not a RCRA hazardous waste
HANDLING & STORAGE..... Store below 100°F
OTHER PRECAUTIONS..... Avoid prolonged skin contact; keep away from eyes; 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 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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