HMIS RATING		
dealth	1	
Flammability	3	
Reactivity	1	

MATERIAL SAFETY DATA SHEET

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

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

1	PROPILO	T IDENTI	IFICATION
	FIIODOC	,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	INCALION

PART NUMBER	80-870
PRODUCT NAME	METALEX
CHEMICAL FAMILY	N/A
DOT SHIPPING	N/A

2. HAZARDOUS INGREDIENTS

OSHA PEL	ACGIH TLV	STEL	%
· · · See Below	100ppm ³		5-15
200ppm	200ppm	•	5-15
15mg/m3	10mg/m3		40-60
•	'.	-	3
	· · · See Below 200ppm	'See Below '100ppm '	** *See Below * 100ppm * - 200ppm 200ppm - 15mg/m3 10mg/m3

Acceptable ceiling concentration for Toluene is 300ppm. Acceptable maximum peak above the acceptable ceiling concentration for an 8 hour shift is 500ppm, maximum duration 10 minutes. 8 hour TWA 200ppm.

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 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)	175-231'F
VAPOR PRESSURE (mm Hg @ 20'C)	21 (Toluene); 71 (MEK)
VAPOR DENSITY (Air = 1)	Heavier than air
SOLUBILITY IN WATER	İnsoluble
WEIGHT / GALLON	
MELTING/FREEZING POINT	Not determined
EVAPORATION RATE (Elher = 1)	Slower than ether
PERCENT VOLATILE (by volume)	44
APPEARANCE AND ODOR	Silver paste, solvent odor

4. FIRE AND EXPLOSION DATA

FLASH POINT25	' F
UPPER EXPLOSIVE LIMIT (%) No	Data
LOWER EXPLOSIVE LIMIT (%) 1.5	5
EXTINGUISHING MEDIADry	
SPECIAL FIREFIGHTING PROCEDURES Do	not use water to fight lives where
aluminum pigments are involved. Water	er reacts with hot aluminum dust
to form hydrogen and tends to spread	the tire. Firelighters should wear
NIOSH approved positive pressure se	K-contained breathing apparatus.
FIDE AND EVOLORIONALIA SABBO	1.1. 1.

FIRE AND EXPLOSION HAZARDS................................... Isolate from heat, etectrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Overexposure to decomposition products may be a health hazard. Symptoms may not be immediately apparent. Obtain medical attention, Do not apply this product to hot surfaces.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY	Skin, eyes	, ingestion,	inhalation,
HEALTH HAZARDS			

SIGNS AND SYMPTOMS

5. HEALTH EFFECTS DATA (Continued)

MEDICAL CONDITIONS GENERALLY
AGGRAVATED BY EXPOSURE Heart disease; respiratory disorders

FIRST AID PROCEDURES

EYES	Flush with water for at least 15 minutes.
	Obtain medical attention.
SKIN CONTACT	Wash with soap and water. If Inflated, seek medical
	attention,
INHALATION	Remove to fresh air, if breathing stops, begin artificial
	respiration. Obtain immediate medical attention.
INGESTION	Do not induce vomiting. If conscious, give 2 glasses
	of water to drink. Call a physician knmediately.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Toluene is on the list of "Chemicals known to the state of California to cause cancer or reproductive toxicity".

6. REACTIVITY

	STABILITY	"Slable
•		High temperatures sparks, open flame,
		strong oxidizers.
	NFPA REACTIVITY HAZARD	N/A
	HAZARDOUS DECOMPOSITION	
	PRODUCTS	May produce hazardous fumes when heated
		to decomposition. May explode.
	HAZARDOUS POLYMERIZATION	
	HAZARDOUS POLYMERIZATION O	CONDITIONSNone known.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

PRC	TECT	IVE	EQU.	IPMENT
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REQUIREMENTS

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. Keep spills out of sewers and

watercourses.

WASTE DISPOSAL METHODS Dispose of as hazardous waste in accordance with EPA RCRA.

Avoid skin and eye contact, Keep containing of vapors.

Avoid skin and eye contact, Keep container closed. Use with adequate ventilation. Do not take internatly. Do not flame cut braze or weld without Bureau of Mines approved tespirator or ventilation. Hazardous product residue may remain after product has been removed from the container

8. ADDITIONAL INFORMATION

Use self contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke white 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.

