

HMIS RATING	
Health	1
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
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 Corporate & Emergency Telephone (614-228-6701)

1. PRODUCT IDENTIFICATION

PART NUMBER80-201
 PRODUCT NAMEMETAL-MASTER Bronze Filled Epoxy
 CHEMICAL FAMILYN/A
 DOT SHIPPING.....Not regulated

2. HAZARDOUS INGREDIENTS

Specific chemical identity, common names	OSHA PEL	ACGIH TLV	STEL	%
Glycidyl Ethers of				
Bisphenol A Resins (25068-38-6)		Not Established		8.40
Epoxy Resins (Trade Secret)		Not Established		5.15
Tri (dimethylaminoethyl) phenol (90-72-2)		Not Established		1.37
Crystalline Silica (14808-60-7)	-	-	-	-
Magnesium Silicate Hydrate (14807-96-6)	-	-	-	-
Sodium Calcium Magnesium Silicate (65997-17-3)	-	-	-	-
Polyether Polysulfone (trade secret)	-	-	-	-
*Copper (7440-50-8)	-	-	-	2.2
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)..... N/A
 VAPOR PRESSURE PSIG @70° F N/A
 VAPOR DENSITY (Air = 1) Non Volatile
 SOLUBILITY IN WATER..... Negligible
 SPECIFIC GRAVITY (H₂O = 1)..... Heavier than water
 WEIGHT PER GALLON..... 16.30 Pounds
 MELTING/FREEZING POINT NA
 EVAPORATION RATE (n-Butyl Acetate = 1) 0.0
 VOLATILES (volume)..... 0%
 APPEARANCE AND ODOR Copper color putty

4. FIRE AND EXPLOSION DATA

FLASH POINT None TOC
 UPPER EXPLOSIVE LIMIT (%) None
 LOWER EXPLOSIVE LIMIT (%) None
 EXTINGUISHING MEDIA Water spray, foam, dry chemical, CO₂.
 SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.
 FIRE AND EXPLOSION HAZARDS..... CO, aldehydes, acids, oxides of sulfur & nitrogen may be formed.
 NFPA FLAMMABILITY HAZARD N/A

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY..... Skin, Eyes, Ingestion, Inhalation

SIGNS AND SYMPTOMS

IF OVEREXPOSURE Inhalation: None
 Ingestion: Irritation of intestinal tract.
 Skin Contact: Possible irritant and sensitizer.
 Eye Contact: Possible irritant and sensitizer.

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. Obtain medical attention.
 SKIN CONTACT Wash with soap and water.
 INHALATION..... N/A
 INGESTION..... Induce vomiting. Call a physician immediately.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines)..... N/A

6. REACTIVITY

STABILITY Stable
 INCOMPATIBILITIES None
 NFPA REACTIVITY HAZARD..... 0
 HAZARDOUS DECOMPOSITION PRODUCTS CO, aldehydes, acids, oxides of sulfur & nitrogen.
 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 polyethylene gloves for prolonged use. No respiratory protection required. Local exhaust only if heated above 100° C.
 WASH REQUIREMENTS Wash with soap and water immediately after use.
 SPILL OR LEAK PROCEDURES Dispose of in normal manner; not a hazardous waste.
 WASTE DISPOSAL METHODS Incinerate in furnace or bury in landfill according to applicable regulations.
 HANDLING & STORAGE..... Avoid eye contact and excessive skin contact.
 OTHER PRECAUTIONS..... Wash with soap and water immediately after use. If sanding cured putty or substrates, wear eye protection and dust mask.

8. ADDITIONAL INFORMATION

Use self contained breathing apparatus if TLV limits are exceeded. 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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