

# HUDSON

## MATERIAL DATA SAFETY SHEET

### Section 1. Chemical Product and Company Identification

Product Code MPBECON-5	
Product Name EPOXY MOLDING POWDER	
Manufacturer's Name HUDSON SUPPLY COMPANY	Emergency Telephone Number (800) 424-9300 (CHEMTREC)
Address (Number, Street, City, State, and ZIP Code) 4500 LEE ROAD	Telephone Number For Information  (216) 518-3000
CLEVELAND, OHIO	Date Prepared FEB. 25 2000
44128	Signature of Preparer (optional)

### Section 2. Composition / Information on Ingredients

Component	CAS Registry #	MAX%	Exposure Limits	
			ACGIH TLV	OSHA PEL
EPOXY RESIN	N/A	10-20%	N/E	N/E
COPPER POWDER	744-50-8	70-90%	1 MG/M3 DUST 0.1 MG/M3 FUME	1MG/M3 DUST 0.1 MG/M3 FUME
MINERAL FILLERS	MIXTURE	<10%	10MG/M3 TOTAL	1.5 MG/M3 TOTAL
CATALYSTS	MIXTURE	<0.5%	N/E	N/E

### Section 3. Hazards Identification

#### EMERGENCY OVERVIEW

NFPA RATING: HEALTH-1 FIRE-1 REACTIVITY-0 PERSONAL PROTECTION-N/A

HMIS RATING: HEALTH-1 FIRE-1 REACTIVITY-0 PERSONAL PROTECTION-E

DEGREE OF HAZARD 0=MINIMAL 1=SLIGHT 2=MODERATE 3=SERIOUS(HIGH) 4=SEVERE(EXTREME)

#### POTENTIAL HEALTH EFFECTS:

EYE CONTACT:

ACUTE EYE CONTACT: TEMPORARY EYE REDNESS AND IRRITATION.

CHRONIC EYE CONTACT: NOT KNOWN, NONE OBSERVED TO DATE.

INHALATION:

ACUTE INHALATION: OVEREXPOSURE TO FUME, DUSTS AND MISTS MAY RESULT IN SNEEZING, NAUSEA OR WEAKNESS. ACUTE OVEREXPOSURE WILL RESULT IN "METAL FUME FEVER" WITH FLU-LIKE SYMPTOMS LASTING 24 TO 48 HOURS.

CHRONIC INHALATION: ANEMIA. "LEAD LINE" ON GUMS, POSSIBLE NERVOUS SYSTEM DAMAGE. ATROPHIC CHANGES IN MUCOUS MEMBRANES.

SKIN CONTACT:

ACUTE SKIN CONTACT AND SENSITIZATION: TEMPORARY REDNESS, SKIN IRRITATION AND ITCHING THROUGH MECHANICAL ABRASION.

CHRONIC SKIN CONTACT: NOT KNOWN, NONE OBSERVED TO DATE.

INGESTION:

ACUTE INGESTION: CAN CAUSE NAUSEA, VOMITING, DIARRHEA, "METAL FUME FEVER" WITH FLU-LIKE SYMPTOMS.

CHRONIC INGESTION: CONTACT PHYSICIAN IF UNUSUAL REACTION IS NOTED.

CHRONIC EFFECTS / CARCINOGENICITY:

TERATOLOGY (BIRTH DEFECT) INFORMATION:

N/A

REPRODUCTION INFORMATION:

N/A

Section 4. First Aid Measures

INHALATION:

REMOVE VICTIM TO FRESH AIR. ARTIFICIAL RESPIRATION AS NEEDED. OBTAIN MEDICAL ASSISTANCE.

EYE CONTACT:

FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES. DO NOT SCUB. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT:

WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. WASH CLOTHING BEFORE RE-USE.

**INGESTION:**

IF SWALLOWED, DILUTE WITH LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. CONSULT PHYSICIAN IF UNUSUAL REACTION IS NOTED.

**NOTE TO PHYSICIAN:**


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### Section 5. Fire Fighting Measures

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**FLAMMABLE PROPERTIES:**

FLASH POINT: N/A

METHOD USED: N/A

**FLAMMABLE LIMITS**

LFL: N/A

UFL: N/A

**EXTINGUISHING MEDIA:**

DRY CHEMICAL, WATER SPRAY (FOG), FOAM, CARBON DIOXIDE.

**FIRE & EXPLOSION HAZARDS:**

NONE.

**FIRE FIGHTING INSTRUCTIONS:**

SOME COMPONENT MATERIALS MAY THERMALLY DECOMPOSE OR BURN EMITTING TOXIC FUMES AND SMOKE INCLUDING CARBON DIOXIDE AND CARBON MONOXIDE.

N/A

**FIRE FIGHTING EQUIPMENT:**

FIRE FIGHTERS SHOULD WEAR FULL PROTECTIVE GEAR INCLUDING EYE PROTECTION AND SELF-CONTAINED BREATHING APPARATUS (SCBA). DO NOT RELEASE RUNOFF FROM FIRE CONTROL METHODS TO SEWERS OR WATERWAYS.

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### Section 6. Accidental Release Measures

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SPILLS/LEAKS: SWEEP OR VACUUM SPILLS INTO APPROPRIATE CONTAINERS FOR DISPOSAL.

PERSONAL PRECAUTIONS: NONE.

ENVIRONMENTAL PRECAUTIONS: NONE.

**REGULATORY PRECAUTIONS:**

FOLLOW APPLICABLE OSHA (29 CFR 1910.120), STATE OR LOCAL REGULATIONS.

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### Section 7. Handling and Storage

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HANDLING: AVOID GENERATING DUST DURING HANDLING. PROVIDE APPROPRIATE EXHAUST VENTILATION AT PLACES WHERE DUST CAN BE GENERATED. WEAR EYE PROTECTION (GOGGLES, SAFETY GLASSES OR SAFETY MASK). WASH HANDS WITH SOAP AND WATER.

STORAGE: NO SPECIAL STORAGE METHODS ARE REQUIRED.

LABELING: D.O.T.- NO SPECIAL LABELS REQUIRED.

### Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS:

GENERAL AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE DUST LEVELS BELOW EXPOSURE LEVELS.

RESPIRATORY PROTECTION:

WEAR NIOSH/MHSA APPROVED DISPOSABLE RESPIRATORS DESIGNED FOR NUISANCE-TYPE DUSTS.

SKIN PROTECTION:

N/A

EYE PROTECTION:

WEAR SAFETY GLASSES. SEE OSHA 29 CFR 1910.33

### Section 9. Physical and chemical Properties

APPEARANCE:	COPPER BROWN	PHYSICAL STATE:	SOLID
BOILING POINT:	N/A	SOLUBILITY IN WATER:	INSOLUBLE
EVAPORATION RATE:	N/A	SPECIFIC GRAVITY:	3.90 (WATER=1.00)
FREEZING POINT:	N/A	VAPOR DENSITY:	N/A
MELTING POINT:	N/A	VAPOR PRESSURE:	N/A
MOLECULAR WEIGHT:	N/A	VISCOSITY:	N/A
ODOR:	N/A	% VOLATILE:	0%
pH :	N/A		

### Section 10. Stability and Reactivity

CHEMICAL STABILITY:

STABLE

INCOMPATIBILITY:

OPEN FIRE, AND STRONG OXIDIZING AGENTS SUCH AS CHLORATES, BROMATES AND NITRATES.

HAZARDOUS DECOMPOSITION PRODUCTS:

NONE

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR



CHEMICAL FATE INFORMATION:

N/A

### Section 13. Disposal Considerations

THIS PRODUCT IS NOT CONSIDERED HAZARDOUS AS DEFINED BY CERCLA/RCRA (40 CFR PART 261). IT SHOULD BE DISPOSED OF IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

### Section 14. Transport Information (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: N/A

TECHNICAL SHIPPING NAME: N/A

D.O.T. HAZARD CLASS: N/A

U.N. / N.A. NUMBER: N/A

PRODUCT RQ (LBS) : N/A

D.O.T. LABEL: N/A

D.O.T. PLACARD: N/A

FREIGHT CLASS BULK: N/A

FREIGHT CLASS PACKAGE: N/A

PRODUCT LABEL: N/A

### Section 15. Regulatory Information (Not meant to be all inclusive)

OSHA STATUS:

THIS PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS CHEMICAL.

TSCA STATUS: N/A

CERCLA REPORTABLE QUANTITY: N/A

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: N/A

SECTION 311/312 HAZARDOUS CATEGORIES: N/A

SECTION 313 TOXIC CHEMICALS: N/A

RCRA STATUS: N/A

CALIFORNIA PROPOSITION 65:

N/A

### Section 16. Other Information

MSDS STATUS:

THE DATA CONTAINED IN THIS MATERIAL DATA SAFETY SHEET HAS BEEN SUPPLIED AS REQUIRED BY THE CHEMICALS (HAZARD IDENTIFICATION AND PACKAGING) REGULATIONS 1993, AS AMENDED, FOR THE PURPOSE OF PROTECTING THE HEALTH AND SAFETY OF INDUSTRIAL AND COMMERCIAL USERS WHO ARE DEEMED CAPABLE OF UNDERSTANDING AND ACTING ON THE INFORMATION PROVIDED. PLEASE ENSURE THAT IT IS PASSED ON TO THE APPROPRIATE PERSON(S) IN YOUR COMPANY, WHO ARE CAPABLE OF ACTING ON THIS INFORMATION.

