MAY 4 1981

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

FEB 01 1982

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

DPM 3431 Stripper, Nickel (Copper Alloys)

SECTION I

MANUFACTURER'S NAME: ENTHONE, INC.	EMERGENCY TELEPHONE NO.: 203 - 934-8611
ADDRESS (Number, Street, City, State, and ZIP Code): P. O. Box 1900, New Haven, CT 06508	
CHEMICAL NAME AND SYNONYMS: Metal Stripper	TRADE NAME AND SYNONYMS: ENSTRIP® 165 S
CHEMICAL FAMILY: n.a.	FORMULA: n.a.

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
No known hazardous ingredients		

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	–	SPECIFIC GRAVITY (H_2O=1)	–
VAPOR PRESSURE (mm Hg.)	–	PERCENT, VOLATILE BY VOLUME (%)	–
VAPOR DENSITY (AIR=1)	–	EVAPORATION RATE (_____ =1)	–
SOLUBILITY IN WATER	soluble		
APPEARANCE AND ODOR	Light yellow powder with very mild organic odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): none	FLAMMABLE LIMITS: Autoignition point 645°F.	Lel	Uel

EXTINGUISHING MEDIA in a fire: water; but copious amounts.

SPECIAL FIRE FIGHTING PROCEDURES
Copious flooding with water necessary to avoid spreading of fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS
Explosion of dust and fire possible if exposed to spark.

Explosibility of dust = 0.2 oz./ft^3 at maximum pressure of 90 psig.

(Continued on reverse side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: n.a.

EFFECTS OF OVEREXPOSURE: Inhalation of dust or mist from solution may cause serious harm.

EMERGENCY AND FIRST AID PROCEDURES

EXTERNAL : Wash with much water; for eyes wash with water for 15 minutes and get immediate medical attention.

INTERNAL : Induce vomiting; report to doctor.

INHALATION : Remove to fresh air, give artificial respiration and oxygen; get immediate medical attention.

SECTION VI - REACTIVITY DATA

STABILITY			CONDITIONS TO AVOID
	UNSTABLE		
	STABLE shelf life	1 yr	

INCOMPATABILITY *(Materials to avoid)*: moisture, reducing agents, spark, heat

HAZARDOUS DECOMPOSITION PRODUCTS: in a fire - nitroaromatic compounds, nitric acid, toxic nitrogen oxides, toxic sulfur oxides.

HAZARDOUS POLYMERIZATION			CONDITIONS TO AVOID
	MAY OCCUR		
	WILL NOT OCCUR	x	

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Keep product dry. Avoid contact with skin, eyes and clothing. Do not breathe dust. If spill reaches stream or sewer, notify proper authorities.

WASTE DISPOSAL METHOD: for spills and leaks: Scoop or shovel up dry material into polyethylene-lined containers. After all residue is swept up, flush residue with copious amounts of water. Take dry material to chemical waste treatment facility for reduction of oxidizer content.

For Waste Treatment of Operating Solution, Consult Enthone Operating Instructions.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*: Type for dust

VENTILATION	LOCAL EXHAUST	SPECIAL
	No	
	MECHANICAL *(General)*	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Yes, rubber	Yes, goggles

OTHER PROTECTIVE EQUIPMENT: --

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep dry. Store indoor at maximum of 110°F.

OTHER PRECAUTIONS

Exothermic reaction with reducing agents. Violent reaction with strong reducing agents, expecially in presence of moisture.