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MATERIAL SAFETY DATA SHEET

SECTION I

Manufacturers Name: American Chemet Corporation
 Emergency Telephone: 406-227-5302
 Attn: W.H. Porter, Jr. or D. B. Brinhall
 Address (Number, Street, City, State, Zip):
 P.O. Drawer D E. Helena, MT 59635

Chemical Name: Cupric Oxide
 Trade Name: 13600

Chemical Family: Copper (II) Oxide
 Formula: Black CO (see specification)

SECTION II - HAZARDOUS INGREDIENTS

	%	TLV&PEL
Copper	78.5% (min)	1mg/m
There is no ACGIH TLV or OSHA PEL for either cuprous oxide or cupric oxide. Exposure is governed by the 8 hour TWA established for finely divided copper in dusts or mists.		
Cuprous oxide, cupric oxide and copper are not carcinogenic materials as listed by OSHA (29CFR1910) or ACGIH (Appendix A, Threshold Limit Values for Chemical Substances, 1984-85.)		

SECTION III - PHYSICAL DATA

Boiling Point (F): NA Specific Gravity: 6.0
 1120=1

Vapor Pressure: NA Percent Volatiles 0%
 (mm Hg) by volume (%):

Vapor Density: NA Evaporation Rate: NA

Solubility in Water: Negligible

Appearance and Odor: Black, finely divided powder. No odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point	Flammable Limits	Lel	Uel
NA		NA	NA

Extinguishing Media:

Will not burn.

Special Fire Fighting Procedures:

Unusual Fire and Explosion Hazards:

Date: September 1, 1985

SECTION V - HEALTH HAZARD DATA

Threshold Limit Value: See Section II.

Effects of Overexposure: Nausea, chills, diarrhea.

Primary Routes of Entry: Inhalation and/or ingestion.

Emergency and First Aid Procedure: Remove to fresh air. Lay patient down. Cover with blanket. If irritated, flush eyes and skin with large volume of fresh water for 15 minutes. Refer to MD.

SECTION VI - REACTIVITY DATA

Stable X

Unstable _____

Conditions to Avoid: None Known

Incompatibility (Materials to avoid): None Known

Hazardous Decomposition Products:

None Known

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur X	

SECTION VII - SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Clean up with vacuum or conventional tools.
 Avoid dusting.

Waste Disposal Method:

Approved land fill. Large masses of this product exposed to moist air at over 100°C can result in spontaneous combustion.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection
 Cartridge type filter or approved dust mask
 Refer to Respiratory Protective devices approved by Bureau of Mines Circular IC 8436.

Ventilation

To keep below listed TLV in Section II, use general dilution type ventilation.

Protective Gloves	Eye Protection
Wear if skin contact is probable and skin is sensitive.	Safety glasses or goggles.

Other Protective Equipment:

Long sleeve shirts if contact is probable and skin is sensitive.

SECTION IX - SPECIAL PRECAUTIONS

Precautions to be taken in handling and storing:
 Keep lids tightly sealed. Store in cool dry place.

Other Precautions:

Do not take internally. Avoid prolonged contact with skin.
 Wash with soap and water after contact.

NA, as used above, means not applicable.