

7-2000

MWZ 050 LL

MATERIAL SAFETY DATA SHEET

SECTION I

Product Name: ZINC OXIDE	Synonyms: Chinese White, ZnO, AZO Product Grades: All Grades
MANUFACTURER'S NAME: U.S. ZINC CORPORATION 1001 W. Weed Street Chicago, Illinois 60622	Telephone (24 hour Emergency or Information): 312-944-1506 Date Revised: 10-13-98 Prepared By: John Stourac

SECTION II - HAZARDOUS INGREDIENTS

Hazardous Component	CAS No.	% Range	ACGIH TLV/OSHA PEL
Zinc Oxide	1314-13-2	99.8 - 100	5* (Resp.) 5* (Resp.)
Lead*	7439-92-1	Trace	50#
Cadmium*	7440-43-9	Trace	5#
*Naturally Occuring Impurity			*mg/m3 #ug/m3

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: N/A	Vapor Pressure: @1500C = 12mm Hg
Melting Point: 1975 C	Evaporation Rate: N/A (Butyl Acetate = 1)
Specific Gravity: 5.68	Solubility In Water: Insoluble
Vapor Density: N/A	Appearance & Odor: Odorless white, cream, gray or yellow powder or pellets

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non-combustible
Extinguishing Media: N/A

SECTION V - HEALTH HAZARD DATA

Route(s) Of Entry:	1. Inhalation. 2. Mechanical irritation to skin and eyes.
Health Hazards:	Acute respiratory irritant.
Carcinogenicity:	Zinc Oxide is not a carcinogen.
Signs & Symptoms of Exposure:	Dry throat, cough, dry itching skin
Emergency and First Aid Procedures:	Remove from exposure, move to fresh air. Consult physician if acute reactions persist.

SECTION VI - REACTIVITY DATA	
Stability:	Stable
Incompatibility (Material To Avoid):	1. Heated Magnesium. 2. Chlorinated Rubber Above 215C.
Hazardous Polymerization:	Will not occur.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE	
Steps to be taken in case of material is released or spilled:	
*If spilled, vacuum to prevent heavy concentration of airborne dust.	
*Return to labeled container. *Clean-up personnel should wear respirators.	
Waste disposal method:	
*Material has Recyclable Value.	
*If disposed of, follow federal, state, and local regulations.	
Precautions to be taken in handling and storing:	
*Good Housekeeping. *Store in dry cool area. *Keep containers closed.	

SECTION VIII - CONTROL MEASURES		
Respiratory protection:	Use NIOSH approved dust filter respirator.	
Ventilation:	Local exhaust recommended.	
Protective gloves:	Recommended.	
Eye Protection:	Recommended.	
Protective clothing & equipment:	Recommended with bulk dust.	
Work/hygienic practices:	Wash well after handling.	
HMIS System:	Hazard Rating:	0 = Minimal 3 = Serious
Health	1 = Slight	4 = Severe
Flammability	2 = Moderate	
Reactivity	Personal Protective Index:	
Personal Protection	E = Gloves + Dust Mask + Safety Goggles	

SECTION IX - REGULATORY INFORMATION	
TSCA: On Inventory	SARA 302:RQ=None, TPO=None
RCRA 261: TCLP Determination	SARA 311/312: Yes (Acute)
CERCLA 102/103:Name List, RQ=None	SARA 313: Zinc Compounds
DOT 172: Not Regulated	Prop. 65: YES (Pb, Cd)
FIFRA 152 et seq.: No	NSF 60/61: Submitted
FDA 182: Yes	NAFTA: 2817.00, B
HAP 61: No	ODS/ODC 82: No