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MATERIAL SAFETY DATA SHEET

Section 1- PRODUCT IDENTIFICATION

COMPOSITION ZnO	PRODUCT NAME Zinc Oxide
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Section 2- HAZARDOUS INGREDIENTS

Note: Products under normal conditions do not represent an inhalation, ingestion or contact health hazard.

MATERIAL OR COMPONENT	CAS NUMBER	WT%	EXPOSURE LIMITS	
			OSHA PEL (Mg/M3)	ACGIH TLV(MG/M3)
Zinc Oxide	1314-13-2	100	15mg/ m³ -total dust	10mg/m³

Section 3- PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS) <input type="checkbox"/> Liquid <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Gas <input type="checkbox"/> Other	APPEARANCE AND ODOR White or yellowish powder & pieces, no odor.
MELTING POINT (BASE METAL) 1975° C	SPECIFIC GRAVITY 5.606gm/cc

Section 4- FIRE AND EXPLOSION

Flash Point (Method Used) N/A	Flammable Limits Non-Flammable	LEL N.A.	UEL N.A.
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EXTINGUISHING MEDIA

Use suitable extinguishing media for surrounding materials and type of fire.

SPECIAL FIRED FIGHTING PROCEDURES

Wear NIOSH/MSHA approved self-contaminated breathing apparatus and full protective clothing

Section 5- REACTIVITY DATA

STABILITY Stable	INCOMPATIBILITY (MATERIALS TO AVOID) Aluminum, hexachloroethane, chlorinated rubber, linseed oil & magnesium.
CONDITIONS TO AVOID None	
HAZARDOUS DECOMPOISTION PRODUCTS Zinc Oxide	

Section 6- HEALTH HAZARD GUIDE

MAJOR EXPOSURE HAZARD

Inhalation **Skin** **Skin Absorption** **Eye Contact** **Ingestion**

INHALATION: Fume fever symptoms, chills, muscular pain and nausea.

DERMAL/EYE CONTACT: Mild skin and eye irritant.

OTHER: Nuisance Dust.

EMERGENCY & FIRST AID PROCEDURES

INHALATION: Remove from exposed area to fresh.

INGESTION: Induce vomiting.

SKIN CONTACT: Brush material off skin. Wash affected area with soap and water

EYE CONTACT: Flush eyes with lukewarm water lifting up the upper and lower lids for at least fifteen minutes.

Section 7- SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCUDRES

Wearing full protective clothing, isolate the area and insure proper ventilation.

Vacuum spill and place in container for proper disposal.

WASTE DISPOSAL METHODS

Observe all federal, state and local regulations when storing or disposing.

Section 8- SPECIAL PROTECTION

RESPIRATORY

NIOSH/MSHA approved respirator.

VENTILATION

Local exhaust for dust and fumes. Mechanical exhaust is adequate if not dusty.

EYE PROTECTION & PROTECTIVE CLOTHING

Cloth or leather protective gloves. Safety glasses with eye shields.

Section 9- SPECIAL PRECAUTIONS

Store in tightly closed container in a cool dry place. Wash hands and face thoroughly.

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