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MATERIAL SAFETY DATA SHEET

Section 1- PRODUCT IDENTIFICATION

COMPOSITION Cr2O3	PRODUCT NAME Chromium 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)
Chromium Oxide	1308-38-9		1mg/m³	0.5mg/m³

Section 3- PHYSICAL DATA

MATERIAL IS (AT NORMAL CONDITIONS) <input type="checkbox"/> Liquid <input type="checkbox"/> Solid <input type="checkbox"/> Gas <input type="checkbox"/> Other	APPEARANCE AND ODOR Green crystalline odorless powder
MELTING POINT (BASE METAL) 2435° C	SPECIFIC GRAVITY 5.04gm/cc

Section 4- FIRE AND EXPLOSION

Flash Point (Method Used) N/A	Flammable Limits Non-Flammable	LEL N.A.	UEL N.A.
EXTINGUISHING MEDIA N/A			
SPECIAL FIRED FIGHTING PROCEDURES: None		UNUSUAL FIR & EXPLOSION HAZARDS: None	

Section 5- REACTIVITY DATA

STABILITY Stable	INCOMPATIBILITY (MATERIALS TO AVOID) None known
CONDITIONS TO AVOID None Known	
HAZARDOUS DECOMPOISTION PRODUCTS None	

Section 6- HEALTH HAZARD GUIDE

MAJOR EXPOSURE HAZARD <input type="checkbox"/> Inhalation <input type="checkbox"/> Skin <input type="checkbox"/> Skin Absorption <input type="checkbox"/> Eye Contact <input type="checkbox"/> Ingestion
SKIN: Repeated contact may cause eczematous dermatis. LUNG EFFECTS: Possible non-fibrogenic lung changes. Hypersensitivity to dust may develop. OTHER: Low toxicity via ingestion or skin contact due to low absorption. Not considered a carcinogen in trivalent form.
EMERGENCY & FIRST AID PROCEDURES INHALATION: Remove from exposed area to fresh air. INGESTION: Give 1-2 glasses of water and induce vomiting. SKIN CONTACT: Brush material off skin. Wash affected area with soap and water. EYE CONTACT: Flush eyes with water lifting up the upper and lower lids for at least 15 minutes.

Section 7- SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCUDRES

Vacuum equipped with HEPA filter.

WASTE DISPOSAL METHODS

May be disposed of with normal refuse.

Section 8- SPECIAL PROTECTION

RESPIRATORY

Use NIOSH/MESA approved equipment. Filter-dust, fume and mist. Half mask air-purifying respirator for dusty operations.

VENTILATION

Use local exhaust

EYE PROTECTION & PROTECTIVE CLOTHING

Safety glasses or goggles. Use any non-permeable glove to prevent skin contact. Other: disposable coveralls.

Section 9- SPECIAL PRECAUTIONS

Avoid getting material in eyes, on skin and on clothing. Do not breathe dust, vapor, mist or gas. Keep container closed when not using.

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