





## CHROMIUM OXIDE MATERIAL SAFETY DATA SHEET

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### HEALTH HAZARD INFORMATION

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TOXICITY DATA **NO DATA**  
HMIS RATING:  
HEALTH: **3\*** FLAMMABILITY: **0** REACTIVITY: **1** PERSONAL PROTECTION: **J**

ROUTES OF ENTRY  
INHALATION: **Yes**  
SKIN: **Yes**  
INGESTION: **No**

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: **Pre-existing lung disorders**  
EFFECTS OF OVEREXPOSURE (acute and chronic):  
INHALATION: **chromium dusts can cause irritation of the nose, throat and mucous membranes as well as soreness of the nose and throat.**  
EYE/DERMAL: **may cause eye irritation/repeated or prolonged contact with certain chromium compounds can cause eczematous dermatitis.**  
OTHER: **Insoluble chromium compounds exhibit very low oral toxicity. No specific signs of chromium toxicity have been reported.**

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CARCINOGENICITY: **Chromium** NTP: **Yes**  
IARC MONOGRAPHS: **Yes** OSHA REGULATE: **No**

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EMERGENCY FIRST AID PROCEDURES:  
INGESTION: **induce vomiting, seek medical attention**  
INHALATION: **remove to fresh air, seek medical attention**  
SKIN CONTACT: **remove contaminated clothing and wash with soap and water**  
EYE CONTACT: **Flush eyes for 15, minutes with plenty of water seek medical attention**

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### REACTIVITY DATA

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STABILITY **Stable**  
CONDITIONS CONTRIBUTING TO UNSTABILITY **None**  
INCOMPATIBILITY (MATERIALS TO AVOID) **Strong acids, strong bases**  
HAZARDOUS DECOMPOSITION PRODUCTS **NA**  
HAZARDOUD POLYMERIZATION **Will Not Occur**  
CONDITIONS TO AVOID **None**



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### SAFE HANDLING AND USE

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

**Vacuum up spill and place in a container for proper disposal. Take care not to raise dust.**

WASTE DISPOSAL METHOD:

**Consult federal, state and local regulations for proper disposal.**

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### SPECIAL PROTECTIVE INFORMATION

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RESPIRATORY PROTECTION	<b>NIOSH approved dust-mist-fume cartridge respirator</b>
LOCAL EXHAUST	<b>Must meet TLV requirements</b>
MECHANICAL (general)	<b>NA</b>
SPECIAL	<b>NA</b>
OTHER	<b>NA</b>
PROTECTIVE GLOVES	<b>Neoprene</b>
EYE PROTECTION	<b>Safety glasses required</b>
OTHER PROTECTIVE EQUIPMENT	<b>Wear protective clothing to prevent contamination of skin and clothes</b>

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### SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING/STORAGE:

**Keep containers closed. Wash hands and face thoroughly after handling material and before eating.**

TRANSPORTATION REQUIREMENTS	DOT CLASS:	<b>Not Classified</b>
	UN NUMBER:	<b>NC</b>
	IMCO CLASS:	<b>NC</b>
	OTHER:	

OTHER PRECAUTIONS IN LABELING: **NONE**

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**NA= NOT APPLICABLE**

**ND= NO DATA FOUND**