

MATERIAL SAFETY DATA SHEET

Product Name: Chrome Chips
Catalog Number: 30500
DOT Hazard Class: Not Regulated
MSDS Updated: 9/2011

Distributed By: Ladd Research Industries
83 Holly Court
Williston, VT 05495
(802) 658-4961

CHEMICAL COMPONENT(S)

	<i>CAS Number</i>	<i>Percent</i>	<i>Exposure Limits</i>
Chromium Metal	7440-47-3	>99	ACGIH 0.5mg/m ³ OSHA PEL 1mg/m ³

PHYSICAL AND CHEMICAL DATA

Boiling Point: NA
Melting Point: 1370°C
Vapor Density: NA
Vapor Pressure: NA

Specific Gravity: 7.0-7.3
Solubility: Negligible solubility
Evaporation Rate: NA

FIRE AND EXPLOSION HAZARD DATA

Flash Point: NA

Explosive Limits: NA

Hazards: Fires or explosions may be initiated by exposing any concentrated dust suspension in an enclosed industrial area to a spark or flame. Ignition Point 350°C.

Extinguishing Media: Class D fire: DO NOT USE WATER. Use dry chemical, dry sand or CO₂ to smother fire.

Special Fire Fighting Instructions: Fire may be isolated and allowed to burn itself out. Do not disturb burning metal while extinguishing the fire.

HEALTH HAZARD DATA

Primary Routes of Entry: Inhalation, skin, eyes

Inhalation: Irritation

Skin: Irritation

Eye: Irritation

Miscellaneous Toxicological Information: Effects associated with overexposure to metal dusts may include respiratory irritation, conjunctivitis, pneumoconiosis, etc.

EMERGENCY AND FIRST AID

Inhalation: Remove patient to fresh air.

Skin: Wash skin with plenty water.

Eyes: Flush eyes with plenty water.

Carcinogenicity: Not carcinogenic - ACGIH

REACTIVITY DATA

Stability: Stable.

Incompatible Materials: Oxidizers.

Hazardous Decomposition Products: None.

Hazardous Polymerization: Will not occur.

SPILL, DISPOSAL AND STORAGE INFORMATION

In case of spill, leak or release: No special steps necessary.

Waste disposal: Dispose of in accordance with federal, state and local regulations.

PROTECTIVE EQUIPMENT AND CONTROL MEASURES

Ventilation: Local exhaust recommended where dusting may occur.

Eye Protection: For extended use.

Skin Protection: Protective gloves for extended usage.

Respiratory Protection: In dusty areas, use NIOSH-approved schedule 21-C respirator.

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

chromium

The information presented is believed to be correct and is the most accurate information available to us at this time. However, Ladd Research makes no warranty, express or implied, and assumes no liability for this information and the product described herein.