

101

MATERIAL SAFETY DATA SHEET

S140

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)**SECTION I**

MANUFACTURER'S NAME

CERAMIC COLOR & CHEMICAL MFG. CO.

EMERGENCY TELEPHONE NO.

412-846-4000

CHEMICAL NAME AND SYNONYMS

GREEN CHROMIUM OXIDE

TRADE NAME AND SYNONYMS

C.P. CHROMIUM OXIDE

CHEMICAL FAMILY

PIGMENT CAS NO. (1308-38-9)

FORMULA

 Cr_2O_3 Molecular Wt: 152**SECTION II - HAZARDOUS INGREDIENTS**

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS			INSOLUBLE CHROMIC OXIDE (REPORTED AS CHROMIUM)	68.05	mg/m ³
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N/A	SPECIFIC GRAVITY (H ₂ O=1)	ca. 5
VAPOR PRESSURE (mm Hg.)	N/A	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (_____ =1)	N/A
SOLUBILITY IN WATER	NEGLECTIBLE		
APPEARANCE AND ODOR	GREEN POWDER - ODORLESS		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	NONE REQUIRED			
SPECIAL FIRE FIGHTING PROCEDURES	NONE REQUIRED			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

0.5 mg/m³

EFFECTS OF OVEREXPOSURE

Irritation in respiratory tract

EMERGENCY AND FIRST AID PROCEDURES

SKIN: Wash with soap and water

EYES: Flush with large amounts of water. Consult an eye physician

INHALATION: Remove from exposure

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

None

INCOMPATIBILITY (Materials to avoid)

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Material can be handled as solid waste; scoop up by some means and place in a waste container.

WASTE DISPOSAL METHOD

Waste material can be buried in an approved landfill or handled as an inert waste product, in accordance with federal, state, and local environmental control regulations

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NIOSH approved for dusts, mists, and fumes. Do not exceed limits of the respirator

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

X

PROTECTIVE GLOVES

EYE PROTECTION

Rubber, plastic or cloth

Safety glasses

OTHER PROTECTIVE EQUIPMENT

Local exhaust to remove airborne dust

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store dry at ambient temperature away from food and drink

OTHER PRECAUTIONS