

SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

Manufacturer:
HALE Performance Coatings
2282 Albion Street
Toledo, Ohio 43606

Emergency Phone CHEMTREC: (800) 424-9300
General Information: (419) 224-6451
FAX Information: (419) 224-7801

SECTION 2- HAZARDS IDENTIFICATION

GHS Classification:

[Health]

[Environmental]

[Physical]

Not a hazardous substance or mixture.

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture.

Pictograms

Signal Word:

Hazard statement(s)

Precautionary statement(s)

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Chrome	7440-47-3	100

SECTION 4 - FIRST AID MEASURES

FIRST AID PROCEDURES:

Eye Contact: Flush eyes with plenty of water for at least 15 minutes. Seek Medical attention/advice.

Skin Contact: Brush off excess material. Wash with soap and water. Seek Medical attention/advice.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. Seek Medical attention/advice.

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek Medical attention/advice.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing media: Not combustible. Use DRY chemical powder, water spray, fog or foam. Do not use water jet.

Hazardous combustion products: Oxides of chrome.

Fire Fighting Procedures: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Fight by whatever means is appropriate to the surrounding fire.

Unusual Fire and Explosion Hazards: This material is Non-Combustible.

SECTION 6 - ACCIDENTAL RELEASE and DISPOSAL MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.

Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV.

SECTION 7 - STORAGE AND HANDLING

Handling: Do not ingest. Do not breathe dust. Wear suitable protective clothing. Wash hands thoroughly with soap and water after handling and before eating.

Storage: Keep container tightly closed. Avoid contamination of open containers. Keep container in a cool, well-ventilated area. Air sensitive. Keep in a dry place.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Provide explosion-proof ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below.

Exposure Limits: Chromium 0.5 mg/m³ ACGIH; 1 mg/m³ OSHA

Personal Protective Equipment (PPE):

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Skin: If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

Clothing: Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

Respirators: Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Flash Point: Non-Combustible

Autoignition Temperature: No available data

Boiling Point: 4787 °F

Melting Point/Freezing Point: 3452 °F

Vapor Pressure: <1 mmHg

Vapor Density (Air-1): No available data

Odor/Appearance: Silvery white to steel gray.

Flammability Limits: N/A

Specific Gravity: 7.2

Volatile %: N/A

Evaporation Rate (Water=1): N/A

pH: No available data

Solubility in Water: Insoluble

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable under normal use and temperature conditions.

Conditions to Avoid: Keep away from moisture and water.

Incompatible Materials: Strong oxidizing agents and strong acids.

Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Skin : May cause skin irritation.

Eyes: May cause mild eye irritation from mechanical abrasion.

Inhalation: Dust may cause mild irritation of the nose, throat and respiratory tract.

Ingestion: Swallowing may cause irritation of the digestive tract.

Acute oral toxicity:

LD50 rat: no available data

Acute inhalation toxicity:

LD50 rat: no available data

Acute dermal toxicity:

LD50 rabbit: no available data

SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Toxicity: Toxicity to fish LC50 - *Cyprinus carpio* (Carp) - 14.3 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 - *Daphnia magna* (Water flea) - 0.07 mg/l - 48 h.

Bio-accumulative potential: *Oncorhynchus mykiss* (rainbow trout) - 30 d - 50 µg/l

Bioconcentration factor (BCF): 1.03 - 1.22

Mobility: no available data

SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

SECTION 14 - TRANSPORTATION

U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

Proper Shipping Name: Not A DOT Controlled Material

Hazard Class:

UN Number:

Packaging Group:

SECTION 15 - REGULATORY INFORMATION

US FEDERAL REGULATIONS

Comprehensive Environmental Response and Liability Act (CERCLA)

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material is 5000 pounds. If appropriate, immediately report to the National Response Center (800/424-8802) as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

Toxic Substance Control Act (TSCA): All components of this product are listed on the TSCA inventory list.

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Chronic Health Hazard

SARA Section 313 (40 CFR 372) Hazard Categories: SARA 313: The following components are subject to reporting levels established by SARA Title III, Section 313: Chromium

Clean Water Act: This product contains Chromium a chemical listed as a Hazardous Substance under the CWA.

Clean Air Act: This product contains no chemicals listed as a Hazardous Substance under the CAA.

California Prop 65: This product contains no chemicals known by the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 16 - OTHER INFORMATION

SDS Revision Date: June 2015

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 0

Flammability: 0

Reactivity: 0

The information contained on this Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive or fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.