

## Glacier Chrome (W-400)

SDS Number:

Revision Date: 9/30/2015

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### 1 PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

NIC Industries, Inc  
7050 6th Street  
White City, OR 97503

#### Vendor

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**Product Name:** Glacier Chrome (W-400)  
**Revision Date:** 9/30/2015  
**Version:** 2.0  
**Common Name:** Reflective, Ceramic/Metal Composite Coating

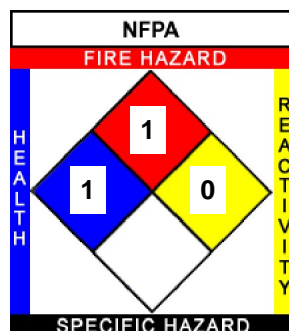
EMERGENCY CONTACT: Call PERS: 1-800-633-8253 (USA & Canada) or 001-1-801-629-0667

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### 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, Ingestion, Inhalation, Skin  
**Inhalation:** May cause irritation.  
**Skin Contact:** May cause irritation.  
**Eye Contact:** May cause irritation.  
**Ingestion:** May cause irritation to mouth, esophagus, and stomach.

NFPA: Health = 1, Fire = 1, Reactivity = 0  
HMIS III: H\*1/F1/PH0



HMIS III	
HEALTH	<input checked="" type="checkbox"/> 1
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION J   Splash Goggles, Gloves, Apron, Dust and Vapor Resp	

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GHS Signal Word:  
WARNING

GHS Hazard Pictograms:



GHS Classifications:

Health, Acute toxicity, 5 Inhalation  
Health, Acute toxicity, 5 Oral  
Health, Skin corrosion/irritation, 2

GHS Phrases:

H333 - May be harmful if inhaled  
H303 - May be harmful if swallowed  
H315 - Causes skin irritation

GHS Precautionary Statements:

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.  
P103 - Read label before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P211 - Do not spray on an open flame or other ignition source.  
P233 - Keep container tightly closed.  
P235+410 - Keep cool. Protect from sunlight.  
P243 - Take precautionary measures against static discharge.  
P262 - Do not get in eyes, on skin, or on clothing.  
P270 - Do not eat, drink or smoke when using this product.  
P281 - Use personal protective equipment as required.  
P302+350 - IF ON SKIN: Gently wash with soap and water.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P309 - IF exposed or you feel unwell, get medical attention.  
P333+313 - If skin irritation or a rash occurs: Get medical advice/attention.  
P335 - Brush off loose particles from skin.  
P353 - Rinse skin with water/shower.  
P403 - Store in a well ventilated place.  
P410 - Protect from sunlight.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

No known chronic hazards. None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

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### 3 COMPOSITION/INFORMATION ON INGREDIENTS

#### Ingredients:

Cas #	Percentage	Chemical Name
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7429-90-5	30-50%	Aluminum (fume or dust)
7732-18-5	30-50%	Water
	10-35%	Aluminum Phosphate-Phosphoric Acid Solution
	10-15%	Ceramic Pigments

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as significantly hazardous to health or the environment and hence require reporting in this section.

### 4 FIRST AID MEASURES

**Inhalation:** Immediately move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen, and call a physician.

**Skin Contact:** Wash thoroughly with soap and water for at least 15 minutes while removing contaminated clothing and shoes. If irritation persists, seek medical attention.

**Eye Contact:** Immediately flush with water for at least 15 minutes. If contact lenses are worn, quickly remove them, then flush the eyes with water. Have a physician or ophthalmologist examine the eyes.

**Ingestion:** If material is ingested, seek immediate medical attention. Do not induce vomiting. Give large quantities of water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

### 5 FIRE FIGHTING MEASURES

**Flammability:** Not Flammable

**Flash Point:** None

**Flash Point Method:** N/A

**Autoignition Temp:** N/A

**LEL:** N/A

**UEL:** N/A

Extinguishing media: Use sand or carbon dioxide (CO2).

Wear protective clothing and NIOSH/OSHA approved positive pressure self-contained breathing apparatus in fire conditions.

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### 6 ACCIDENTAL RELEASE MEASURES

Ensure cleanup personnel wear all appropriate Personal Protective Equipment, including respiratory protection.

Prevent the material from entering sewers and watercourses by diking or impounding the spilled material. Advise authorities if the product has entered sewers, watercourses, or extensive land areas.

Ventilate the contaminated area. Use the recommended tool type to mix the appropriate sorbent into the spilled material. Use an absorbent like sand, earth, or clay.

Filter to remove aluminum and discard this as solid chemical waste in accordance with federal, state and local environmental control regulations. Neutralize liquid after filtering and dispose of in accordance with federal, state and local regulations.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Respiratory protection: Cartridge-type mask such as Devilbiss model #MSP-508 or equal.

Ventilation: Local exhaust if spray applying.

Protective gloves: Rubber-liquid proof.

Eye protection: Chemical safety goggles.

**Storage Requirements:** Keep from strong alkali or acids as reaction with aluminum may produce hydrogen gas.

Do not store in temperatures below 50F or above 77F. Avoid freezing.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Adequate room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits. Use of fume hoods or closed booths recommended when product is used in a manner that may generate mist or aerosol.

**Personal Protective Equip:** HMIS PP, H | Splash Goggles, Gloves, Apron, Dust and Vapor Respirator

15 mg/m<sup>3</sup>, 8 hr. TWA, total dust

5 mg/m<sup>3</sup>, 8 hr TWA, respirable dust

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Characteristic of product.

**Physical State:** Liquid

**Spec Grav./Density:** 1.5

**Viscosity:** (#2 Zahn Cup) 16-18 seconds

**Boiling Point:** 110 deg C to 160 deg C

**Flammability:** N/A

**pH:** 11

**Evap. Rate:** N/A

**Solubility:** In water: Appreciable

**Percent Volatile:** 70% (by volume)

**Flash Point:** N/A

**Vapor Density:** N/A

**VOC:** 0.98lb./gal.

**Auto-Ignition Temp:** N/A

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### 10 STABILITY AND REACTIVITY

**Stability:** Stable  
**Conditions to Avoid:** Acids or strong alkali  
**Materials to Avoid:** Acids or strong alkali  
**Hazardous Decomposition:** None  
**Hazardous Polymerization:** Will not occur

### 11 TOXICOLOGICAL INFORMATION

THIS PRODUCT CONTAINS NO KNOWN OR SUSPECT CARCINOGENS.

### 12 ECOLOGICAL INFORMATION

Avoid release to surface waters and waste treatment systems.

### 13 DISPOSAL CONSIDERATIONS

Filter to remove aluminum and discard this as solid chemical waste in accordance with federal, state and local environmental control regulations. Neutralize liquids after filtering and dispose of in accordance with federal, state and local regulations.

### 14 TRANSPORT INFORMATION

DOT Class: Not regulated

### 15 REGULATORY INFORMATION

U.S. Federal Regulations:  
SARA: 313 This material contains Aluminum (fume or dust) CAS# 7429-90-5) which is subject to the reporting requirements of Section 313 of SARA Title III and 40 CFR Part 373:  
HAZARD CATEGORIES:  
-- Immediate Hazard: NO  
-- Delayed Hazard: NO  
-- Fire Hazard: NO  
-- Pressure Hazard: YES (If dust clouds are generated.)  
-- Reactivity Hazard: NO

TSCA: 7429-90-5 is listed on TSCA Inventory.

Health and Safety Reporting List:

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None of the chemicals in this product are on the Health & Safety Reporting List.

Section 12b:

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule:

None of the chemicals in this material have an RQ (Reportable Quantity).

CERCLA Hazardous Substances and Corresponding RQ's:

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances:

None of the chemicals in this product have a TPQ (Threshold Planning Quantity).

Clean Air Act:

This material does not contain any hazardous pollutants.  
This material does not contain any Class 1 Ozone depleters.  
This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under CWA.  
None of the chemicals in this product are listed as Priority Pollutants under the CWA.  
None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

State Regulations:

CAS# 7429-90-5 can be found on the following state right-to-know lists:  
California, New Jersey, Pennsylvania, Minnesota, Massachusetts.

California Prop 65:

California No Significant Risk Level: None of the chemicals in this product are listed.

COMPONENT / (CAS/PERC) / CODES

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\*Aluminum (fume or dust) (7429905 43.0%) EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR  
\*Water (7732185 40.0%) TSCA  
\*.alpha.-Costene (75014 n/a%) APP9, CERCLA, EPCRAWPC, HAP, HWRCRA, MASS, NJHS, NRC, OSHAHTS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TSCA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

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EPCRAWPC = EPCRA Water Priority Chemicals  
MASS = MA Massachusetts Hazardous Substances List  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHAWAC = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals  
TSCA = Toxic Substances Control Act  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
APP9 = Appendix 9  
CERCLA = Superfund clean up substance  
HAP = Hazardous Air Pollutants  
HWRCRA = RCRA Hazardous Wastes  
NRC = Nationally Recognized Carcinogens  
OSHAHTS = OSHA Hazardous and Toxic Substances  
PRIPOL = Clean Water Act Priority Pollutants  
PROP65 = CA Prop 65  
TOXICPOL = Clean Water Act Toxic Pollutants

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TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXHWL = TX Hazardous Waste List

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### OTHER INFORMATION

#### U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to all your employees.

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