

H Series Powder Coatings

SDS Number:

Revision Date: 9/22/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

NIC Industries, Inc
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Product Name: H Series Powder Coatings
Revision Date: 9/22/2015
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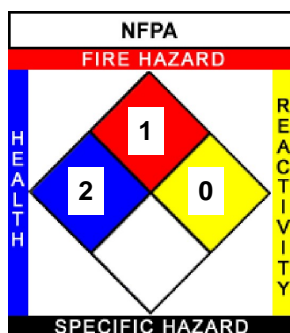
EMERGENCY CONTACT: Call PERS: 1-800-633-8253 (USA & Canada) or 001-1-801-629-0667 (International).

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2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, Ingestion, Skin Absorption, Eye Contact
Target Organs: Respiratory System
Inhalation: May cause irritation of the respiratory tract. Prolonged or repeated exposure causes lung damage.
Skin Contact: May cause skin irritation.
Eye Contact: Dust may cause irritation and inflammation.
Ingestion: No adverse health effects are expected from swallowing.

NFPA: Health = 2, Fire = 1, Reactivity = 0
HMIS III: H2/F1/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION F Safety Glasses, Gloves, Apron, Dust Respirator	

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GHS Signal Word:

WARNING

GHS Hazard Pictograms:



GHS Classifications:

Health, Respiratory or skin sensitization, 1 Skin
Health, Acute toxicity, 5 Inhalation
Health, Acute toxicity, 5 Oral
Health, Serious Eye Damage/Eye Irritation, 2 B

GHS Phrases:

H317 - May cause an allergic skin reaction
H333 - May be harmful if inhaled
H303 - May be harmful if swallowed
H320 - Causes eye 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.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P221 - Take any precaution to avoid mixing with combustibles.
P232 - Protect from moisture.
P234 - Keep only in original container.
P235+410 - Keep cool. Protect from sunlight.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/light/equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P250 - Do not subject to grinding/shock/friction.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P262 - Do not get in eyes, on skin, or on clothing.
P263 - Avoid contact during pregnancy/while nursing.
P264 - Wash _ thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P271 - Use only outdoors or in a well-ventilated area.
P281 - Use personal protective equipment as required.
P284 - Wear respiratory protection.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+350 - IF ON SKIN: Gently wash with soap and water.
P304+341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P332+313 - If skin irritation occurs: Get medical advice/attention.
P340 - Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P370+380 - In case of fire: Evacuate area.
P373 - DO NOT fight fire when fire reaches explosives.
P381 - Eliminate all ignition sources if safe to do so.
P403+233 - Store in a well ventilated place. Keep container tightly closed.
P410+403 - Protect from sunlight. Store in a well ventilated place.

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The acute and chronic health statements above are for pure chemicals only, unless noted.

Although this product is a powder coating with low toxicity, follow precautions of this Safety Data Sheet to prevent over-exposure.

Pure, concentrated TGIC is toxic to humans. At the concentration TGIC is found in powder coatings, it is not toxic, and only contributes to nuisance dust.

Carbon Black is not a hazardous substance or preparation under GHS.

This product may contain Barium Sulfate. The USEPA published the final rule in the June 28, 1994 Federal Register deleting Barium Sulfate from the category "Barium Compounds."

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
	10-85%	Epoxy Resin

Contains one or more of the following organic resin compounds:

		Polyester resin
		Acrylic resin
		Urethane Resin
2451-62-9	1-5%	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-
tris(oxiranylmethyl)-		
693-98-1	<1%	1H-Imidazole, 2-methyl-
27496-82-8	1-10%	Benzoic acid, methylenebis[2-hydroxy-
25068-38-6	25-75%	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with
(chloromethyl)oxirane		
25036-25-3	15-50%	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-
methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane]		
57-11-4	1-10%	Stearic acid
30399-84-9	1-10%	Isooctadecanoic acid

Contains one or more of the following inorganic pigments:

7429-90-5	20-35%	Aluminum
21645-51-2	<5%	Aluminum hydroxide (Al(OH)3)
7727-43-7	<50%	Barium sulfate
12047-27-7	<50%	Barium titanium oxide (BaTiO3)
51274-00-1	1-5%	C.I. Pigment Yellow 42
1317-65-3	1-40%	Calcium carbonate
1333-86-4	1-5%	Carbon black
1308-14-1	1-5%	Chromium hydroxide (Cr(OH)3)
7440-50-8	1-15%	Copper
1309-37-1	<25%	Iron oxide (Fe2O3)
12001-26-2	<65%	Mica
1317-80-2	1-35%	Rutile (TiO2)
112926-00-8	1-5%	Silica, amorphous, precipitated and gel
14807-96-6	1-5%	Talc (containing no asbestos fibers)
18282-10-5	<5%	Tin oxide (SnO2)
13463-67-7	<75%	Titanium dioxide
7440-66-6	<5%	Zinc
1314-13-2	<5%	Zinc oxide

Each reportable material in the above listing is present in at least one of the Prismatic H Series Powder Coatings. However, each individual coating itself contains only several of the materials contained on the list. If you have any questions as to whether a particular Prismatic Powder Coating contains a particular ingredient on the list, please contact NIC Industries, Inc. for a detailed list of the exact materials contained in that coating.

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.

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4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing stops, have trained person administer artificial respiration and seek medical attention immediately.
- Skin Contact:** Wash thoroughly with soap and water. Continue to wash for 10 minutes. If irritation persists, seek medical attention.
- Eye Contact:** Immediately flush with water for at least 15 minutes. Check for and remove any contact lenses. If irritation persists, seek medical attention.
- Ingestion:** Wash mouth out with water. Remove dentures if any. If large quantities are ingested, seek medical advice to determine the best course of action. Not a hazard under normal use conditions.

5 FIRE FIGHTING MEASURES

- Flash Point:** Not Applicable
- Flash Point Method:** Not Applicable
- Burning Rate:** Not available
- Autoignition Temp:** Not available
- LEL:** Not available
- UEL:** Not available

Extinguishing Media:

Carbon dioxide, dry chemical powder, foam, and or water fog. Sensitivity of Static Charge:
Electrostatic charge may build up during handling. Grounding of equipment is recommended.

6 ACCIDENTAL RELEASE MEASURES

Shovel or scoop into container for reclamation or disposal in an appropriate manner.

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

7 HANDLING AND STORAGE

- Handling Precautions:**
- Avoid breathing dust.
 - Put on appropriate personal protective equipment.
 - Wash thoroughly after handling.
 - Avoid contact with eyes.
 - Use only with adequate ventilation.
 - Minimize the free fall distance of powder when loading, unloading, or conveying to avoid dust generation and potential static discharge.
- Storage Requirements:**
- Store in cool, dry place to prevent caking.
 - Keep away from heat, spark, and flames.
 - Avoid moisture.
 - Keep tightly closed when not being used.
 - Label all containers appropriately.
 - Do not store near food or drinks.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: General room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits.

Personal Protective Equip: HMIS PP, F | Safety Glasses, Gloves, Apron, Dust Respirator.
Appropriate chemical resistant gloves should be worn. Usual industrial work clothes.
Use a NIOSH/MSHA approved respirator as necessary to protect from dust.

Individuals with lung or breathing problems or who have had a prior reaction to isocyanates must not be exposed to vapor or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Use NIOSH approved respirator (particle mask) for dusts.

1317653 OSHA PEL 5 mg/m3 / ACGIH, TLV 10mg/m3

1333864 OSHA TWA 3.5mg/m3 / ACGIH, TWA 3.5mg/m3 Resp. Frac

12001262 OSHA PEL 20mppcf/ ACGIH, TLV 10mg/m3 Resp. Frac

1309371 OSHA PEL 10mg/m3 as Fe/ ACGIH, TLV 5mg/m3 Resp. Frac

18282105 OSHA PEL 0 mg/m3 / ACGIH, TWA 2mg/m3

1308141 OSHA PEL 0.5 mg/m3 as Cr / ACGIH, TLV 0.5mg/m3 as Cr

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Finely divided powder	Odor:	Nearly Odorless
Physical State:	Solid	Solubility:	Insoluble
Spec Grav./Density:	3.1/ 3.1 Kg/L	Freezing/Melting Pt.:	Not available
Boiling Point:	N/A	Vapor Density:	Not determined
Vapor Pressure:	Not determined		
pH:	6.0-9.0		

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STABILITY AND REACTIVITY

Stability: Stable

Conditions to Avoid: Contact with extreme heat, sparks, open flame, and static discharge.

Materials to Avoid: Strong acids and oxidizers.

Hazardous Decomposition: Not determined

Hazardous Polymerization: Will not occur

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11 TOXICOLOGICAL INFORMATION

NTP Carcinogen: No
IARC Monographs: No
OSHA Regulated: No

Not known to contain any ingredients recognized as carcinogens by the National Toxicology Program (NTP), the International Agency for Cancer Research (IARC) or the Occupational Safety and Health Administration (OSHA).

Although this material is a powder coating with low toxicity, follow precautions of this Safety Data Sheet to prevent over-exposure.

12 ECOLOGICAL INFORMATION

No known or significant effects or critical hazards.

13 DISPOSAL CONSIDERATIONS

This product is not regulated by the EPA. If disposed of as received is not considered a hazardous waste.

Disposal should be made in accordance to federal, state, and local regulations.

Must not be disposed of together with household garbage. Do not allow this product to reach sewage system.

14 TRANSPORT INFORMATION

U.S. DOT
Shipping Name: Paint, dry; not regulated
UN ID Number: NRPDRY

INTERNATIONAL AIR TRANSPORT ASSOCIATION:
Proper Shipping Name: Paint, dry; not regulated
UN ID Number: NRPDRY

INTERNATIONAL MARITIME ORGANIZATION:
Proper Shipping Name: Paint, dry; not regulated
UN ID Number: NRPDRY

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15**REGULATORY INFORMATION**

U.S. Federal and State Regulations:

TSCA All components are included in inventory, exempt or notified.

Titanium dioxide TSCA 8(b) inventory: Titanium dioxide.

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute: *Carbon black (1333864), Titanium Dioxide (13463677).

(*Carbon black is not a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA, 40 CFR 302), or the Clean Water Act (40 CFR 116), or a hazardous air pollutant under the Clean Air Act Amendments of 1990.).

Hazard determining components of labeling: TGIC

Pure, concentrated TGIC is toxic to humans. At the concentration TGIC is found in powder coatings, it is not toxic and only contributes to nuisance dust.

Other Regulations:

EINECS: This product is on the European Inventory of Existing Commercial Chemical Substances: Titanium dioxide.

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4):

Chromium (III) hydroxide (1308-14-1): SARA 313.

Hazard determining components of labeling: TGIC (2451-62-9).

SARA 311/312 Physical and Health Hazard Categories:

Immediate (acute) Health Hazard: YES

Delayed (chronic) Health Hazard: YES

Fire Hazard: NO

Sudden Release of Pressure: NO

Reactive: NO

Other Regulations:

WHMIS: The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Chromium (III) hydroxide (1308-14-1).

Component Analysis - Inventory:

Chromium (III) hydroxide (1308-14-1): TSCA: YES; DSL: YES; EINECS: YES; Aust: YES; MITI: YES.

Aluminum hydroxide (21645-51-2): TSCA: YES; DSL: YES; EINECS: YES; Aust: YES; MITI: YES.

*Calcium carbonate (1317653 1-5%) MASS, OSHAWAC, PA, TXAIR

*Carbon black (1333864 1-5%) MASS, OSHAWAC, PA, TXAIR

*Mica (12001262 1-5%) MASS, OSHAWAC, PA, TXAIR

*Iron oxide (Fe₂O₃) (1309371 1-5%) MASS, OSHAWAC, PA, TXAIR

*1,3,5-Triazine-2,4,6-(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)- (2451629 1-5%) TSCA

*1H-Imidazole, 2-methyl- (693981 <1%) TSCA

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- *Benzoic acid, methylenebis[2-hydroxy- (27496828 1-10%) TSCA
- *Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane (25068386 25-75%) TSCA
- *Phenol, 4,4'-(1-methylethylidene)bis-, polymer with 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis[oxirane] (25036253 15-50%) TSCA
- *Stearic acid (57114 1-10%) TSCA
- *Isooctadecanoic acid (30399849 1-10%) TSCA
- *Aluminum (7429905 20-35%) EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR
- *Aluminum hydroxide (Al(OH)3) (21645512 <5%) TSCA
- *Barium sulfate (7727437 <50%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Barium titanium oxide (BaTiO3) (12047277 <50%) TSCA
- *C.I. Pigment Yellow 42 (51274001 1-5%) TSCA
- *Calcium carbonate (1317653 1-40%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Carbon black (1333864 1-5%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Chromium hydroxide (Cr(OH)3) (1308141 1-5%) TSCA
- *Copper (7440508 1-15%) CERCLA, EPCRAWPC, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TSCA, TXAIR
- *Iron oxide (Fe2O3) (1309371 <25%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Mica (12001262 <65%) MASS, OSHAWAC, PA, TXAIR
- *Rutile (TiO2) (1317802 1-35%) TSCA
- *Silica, amorphous, precipitated and gel (112926008 1-5%) MASS, OSHAWAC, TXAIR
- *Talc (containing no asbestos fibers) (14807966 1-5%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Tin oxide (SnO2) (18282105 <5%) TSCA
- *Titanium dioxide (13463677 <75%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Zinc (7440666 <5%) CERCLA, EPCRAWPC, MASS, NJHS, PA, PRIPOL, SARA313, TOXICPOL, TSCA
- *Zinc oxide (1314132 <5%) MASS, OSHAWAC, PA, TSCA, TXAIR

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\par MASSTSCA = Toxic Substances Control Act
EPCRAWPC = EPCRA Water Priority Chemicals
NJHS = NJ Right-to-Know Hazardous Substances
OSHAWAC = OSHA workplace Air Contaminants
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
CERCLA = Superfund clean up substance
PRIPOL = Clean water Act Priority Pollutants
TOXICPOL = Clean water Act Toxic Pollutants
NRC = Nationally Recognized Carcinogens

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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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