

P Series Powder Coatings

SDS Number:

Revision Date: 9/22/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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

Phone: 541.826.1922
Email: johnw@nicindustries.com
Web: www.nicindustries.com

Product Name: P Series Powder Coatings
Revision Date: 9/22/2015
Version: 1.0

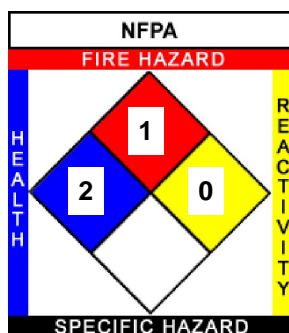
Emergency Contact: Call PERS: 1-800-633-8253 (USA & Canada) or 001-1-801-629-0667 International.

The information contained in this Safety Data Sheet (SDS) is, to the best of our knowledge, true and accurate and presented in good faith. NIC Industries, Inc. makes no warranties, expressed or implied, as to the accuracy and adequacy of this information. Because many factors may affect processing or application/use of this product, this data is offered solely for the user's consideration, investigation and verification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buyer/user to ensure its activities comply with all local, state and federal regulations.

2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, Ingestion, Skin Absorption, Eye Contact
Target Organs: Respiratory System, Pulmonary System, Reproductive System
Inhalation: May cause irritation of the respiratory tract. Prolonged or repeated exposure causes lung damage.
Skin Contact: May cause skin irritation. May cause skin irritation.
Eye Contact: Dust may cause irritation and inflammation.
Ingestion: Harmful if swallowed.

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



HMIS III	
HEALTH	<input checked="" type="checkbox"/> 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, Acute toxicity, 5 Oral
Health, Acute toxicity, 5 Inhalation
Health, Specific target organ toxicity - Single exposure, 3
Health, Acute toxicity, 5 Dermal
Health, Skin corrosion/irritation, 2

GHS Phrases:

H303 - May be harmful if swallowed
H333 - May be harmful if inhaled
H336 - May cause drowsiness or dizziness
H313 - May be harmful in contact with skin
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.
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.
P233 - Keep container tightly closed.
P234 - Keep only in original container.
P235+410 - Keep cool. Protect from sunlight.
P242 - Use only non-sparking tools.
P250 - Do not subject to grinding/shock/friction.
P262 - Do not get in eyes, on skin, or on clothing.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P284 - Wear respiratory protection.
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.
P308+313 - IF exposed or concerned: Get medical advice/attention.
P330 - Rinse mouth.
P331 - Do NOT induce vomiting.
P335 - Brush off loose particles from skin.
P341 - If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P373 - DO NOT fight fire when fire reaches explosives.
P403 - Store in a well ventilated place.
P410 - Protect from sunlight.

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

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.

SDS

GHS Safety Data Sheet

NIC Industries, Inc

NIC

INDUSTRIES, INC.

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

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

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

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
	10-85%	Polyester resin

May contain one or more of the following organic resin components:

119-53-9	1-5%	Benzoin
105-60-2	<2%	Caprolactam
25068-38-6	25-75%	Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane
9003-01-4	<5%	2-Propenoic acid, homopolymer
112-80-1	<1%	Oleic acid
57-11-4	<10%	Stearic acid
2451-62-9	<10%	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)-

Contains one or more of the following inorganic pigments:

7429-90-5	1-90%	Aluminum
21645-51-2	1-2%	Aluminum hydroxide (Al(OH)3)
1344-28-1	1-5%	Aluminum oxide (Al2O3)
7727-43-7	1-60%	Barium sulfate
12047-27-7	1-5%	Barium titanium oxide (BaTiO3)
86376-49-0	30-65%	Brass Metal Flake
51274-00-1	1-10%	C.I. Pigment Yellow 42
8007-18-9	5-10%	C.I. Pigment Yellow 53
1317-65-3	1-30%	Calcium carbonate
13333-86-4	1-10%	Carbon Black
1308-14-1	1-10%	Chromium hydroxide (Cr(OH)3)
1308-38-9	1-5%	Chromium oxide (Cr2O3)
7440-50-8	1-15%	Copper
1309-37-1	1-50%	Iron oxide (Fe2O3)
1332-58-7	1-3%	Kaolin
1317-65-3	1-20%	Limestone
12001-26-2	1-70%	Mica
1317-80-2	1-70%	Rutile (TiO2)
112926-00-8	1-10%	Silica, amorphous, precipitated and gel
	1-15%	Stainless steel
14807-96-6	1-10%	Talc (containing no asbestos fibers)
18282-10-5	1-30%	Tin oxide (SnO2)
13463-67-7	1-75%	Titanium dioxide
7440-66-6	1-15%	Zinc

Each reportable material in the above listing is present in at least one of the P-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 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 ingredients or additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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. Do not induce vomiting. Toxic by ingestion. Can cause effects on the male reproductive system.

5 FIRE FIGHTING MEASURES

- Flammability:** Not available.
- Flash Point:** Not Applicable
- Flash Point Method:** Not available
- 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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8 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. Assure limits for TGIC dust of 0.25 mg/m3 are maintained. General room ventilation plus local exhaust at points of emission to maintain levels of airborne contaminants below exposure limits. Assure limits for TGIC dust of 0.25 mg/m3 are maintained.

Personal Protective Equip: HMIS PP, F | Safety Glasses, Gloves, Apron, Dust Respirator.

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. Follow respirator manufacturer's directions for respirator use. Use NIOSH approved respirator (particle mask) for dusts.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Finely divided powder

Physical State: Solid

Vapor Pressure: Not determined

pH: Not determined

Odor: Nearly Odorless

Vapor Density: Not Applicable

10 STABILITY AND REACTIVITY

Stability: Stable

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

Materials to Avoid: Water, alcohols, amines, strong acids, strong bases, and oxidizers.

Hazardous Polymerization: Will not occur.

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).

12 ECOLOGICAL INFORMATION

Water hazard class 1 (self-assessment): slightly hazardous for water

Avoid disposal in landfills and sewage systems.

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.

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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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REGULATORY INFORMATION

U.S. Federal and State Regulations:

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

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 (1308014-1): SARA 313.

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

California Proposition 65:

This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm, which would require a warning under the statute: *Carbon black (13333864), Titanium dioxide (13463677). (*Carbon black is not a hazardous substance under 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. Carbon black is not a hazardous substance or preparation under GHS.)

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.

Canadian DSL Inventory Status: All components of this product are listed on the Canadian DSL Inventory List.

*Carbon black (1333864 0.1-1.0%) MASS, OSHAWAC, PA, TXAIR

*Benzoin (119539 n/a%) HAP, TSCA

*Benzoin (119539 10-85%) HAP, TSCA

*Benzoin (119539 1-5%) HAP, TSCA

*Caprolactam (105602 <2%) CERCLA, HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

*Phenol, 4,4'-(1-methylethylidene)bis-, polymer with (chloromethyl)oxirane (25068386 25-75%) TSCA

*2-Propenoic acid, homopolymer (9003014 <15%) TSCA

*2-Propenoic acid, homopolymer (9003014 <5%) TSCA

*Oleic acid (112801 <1%) PA, TSCA

*Stearic acid (57114 <10%) TSCA

*1,3,5-Triazine-2,4,6-(1H,3H,5H)-trione, 1,3,5-tris(oxiranylmethyl)- (2451629 <10%) TSCA

*Aluminum (7429905 1-90%) EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Aluminum hydroxide (Al(OH)3) (21645512 1-2%) TSCA

*Aluminum oxide (Al2O3) (1344281 1-5%) MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Barium sulfate (7727437 1-60%) MASS, OSHAWAC, PA, TSCA, TXAIR

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- *Barium titanium oxide (BaTiO₃) (12047277 1-5%) TSCA
- *4,4'-Isopropylidenediphenol (80057 30-65%) HAP, MASS, NJHS, PA, SARA313, TSCA, TXAIR
- *C.I. Pigment Yellow 42 (51274001 1-10%) TSCA
- *C.I. Pigment Yellow 53 (8007189 5-10%) TSCA
- *Calcium carbonate (1317653 1-30%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Calcium carbonate (1317653 1-10%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Chromium hydroxide (Cr(OH)₃) (1308141 1-10%) TSCA
- *Chromium oxide (Cr₂O₃) (1308389 1-5%) MASS, TSCA
- *Copper (7440508 1-15%) CERCLA, EPCRAWPC, MASS, NJHS, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL, TSCA, TXAIR
- *Iron oxide (Fe₂O₃) (1309371 1-50%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Kaolin (1332587 1-3%) OSHAWAC, PA, TSCA, TXAIR
- *Limestone (1317653 1-20%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Limestone (1317653 1-70%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Mica (12001262 1-70%) MASS, OSHAWAC, PA, TXAIR
- *Rutile (TiO₂) (1317802 1-70%) TSCA
- *Silica, amorphous, precipitated and gel (112926008 1-10%) MASS, OSHAWAC, TXAIR
- *Silica, amorphous, precipitated and gel (112926008 1-15%) MASS, OSHAWAC, TXAIR
- *Talc (containing no asbestos fibers) (14807966 1-10%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Tin oxide (SnO₂) (18282105 1-30%) TSCA
- *Titanium dioxide (13463677 1-75%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Zinc (7440666 1-15%) CERCLA, EPCRAWPC, MASS, NJHS, PA, PRIPOL, SARA313, TOXICPOL, TSCA

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REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants
TSCA = Toxic Substances Control Act
CERCLA = Superfund clean up substance
MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
EPCRAWPC = EPCRA Water Priority Chemicals
NJHS = NJ Right-to-Know Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
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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