

Prismatic Powder Coatings (P-7103B, PTB-4551, PTB-4883, U-1126B, UTB-2125)

SDS Number:

Revision Date: 9/22/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

NIC Industries, Inc
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White City, OR 97503

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Product Name: Prismatic Powder Coatings (P-7103B, PTB-4551, PTB-4883, U-1126B, UTB-2125)
Revision Date: 9/22/2015
Version: 1.0

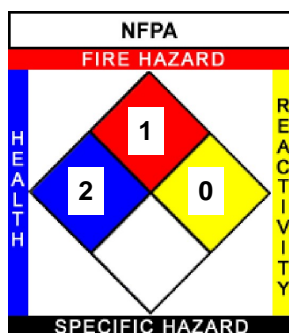
EMERGENCY CONTACT: Call PERS: 1-800-633-8253 (USA and Canada) or 001-1-801-629-0667 (International).

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

GHS Phrases:

H303 - May be harmful if swallowed
H317 - May cause an allergic skin reaction
H333 - May be harmful if inhaled
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.
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.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
P273 - Avoid release to the environment.
P281 - Use personal protective equipment as required.
P284 - Wear respiratory protection.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P332+313 - If skin irritation occurs: Get medical advice/attention.
P373 - DO NOT fight fire when fire reaches explosives.
P381 - Eliminate all ignition sources if safe to do so.
P403+235 - Store in a well ventilated place. Keep cool.

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.

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Over-exposure to vapor, dust or mist may aggravate existing respiratory conditions, such as asthma, bronchitis and inflammatory or fibrotic respiratory disease.

This product should be handled with care to avoid dust generation.

Carbon Black is not a hazardous substance under GHS.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Cas #	Perc.	Chemical Name
	10-85%	Polyester resin (P-7103B, PTB-4551)
	10-85%	Polyurethane resin (U-1126B, UTB-2125)

Contains one or more of the following inorganic pigments:

7429-90-5	<5%	Aluminum
21645-51-2	1-5%	Aluminum hydroxide (Al(OH)3)
1333-86-4	1-10%	Carbon black
1308-14-1	1-10%	Chromium hydroxide (Cr(OH)3)
1309-37-1	1-10%	Iron oxide (Fe2O3)
1317-65-3	10-25%	Calcium carbonate
12001-26-2	1-10%	Mica
7440-02-0	1-10%	Nickel
14808-60-7	1-10%	Quartz (SiO2)
1317-80-2	1-5%	Rutile (TiO2)
14807-96-6	1-10%	Talc (containing no asbestos fibers)
18282-10-5	1-10%	Tin oxide (SnO2)
13463-67-7	1-10%	Titanium dioxide

Each reportable material in the above listing is present in at least one of the Prismatic 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.

4	FIRST AID MEASURES
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- 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.

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FIRE FIGHTING MEASURES

Flash Point: 950F
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.

Sensitivity of static charge:

Electrostatic charge may build up durring handling. Grounding of equipment is recommended.

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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).

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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.
Wear safety glasses with side shields.
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.

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

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

13463677 OSHA PEL 15 mg/m3 Total Dust/ ACGIH, TLV 10mg/m3 Total dust

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

7440020 OSHA TWA 1-5mg/m3 / ACGIH, TWA 1-5mg/m3 Resp. Frac

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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 | | |
| Boiling Point: | N/A | | |
| 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:** Water, alcohols, amines, strong acids, strong bases, and oxidizers.
- Hazardous Polymerization:** Will not occur.

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11 TOXICOLOGICAL INFORMATION

NTP Carcinogen: Anticipated or known

IARC Monographs: Possible Group 1, A2, 2B

OSHA Regulated: Yes

May contain 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

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.

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

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

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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REGULATORY INFORMATION

U.S. Federal Regulations:

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

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

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

This material contains one or more of the following chemicals required to be identified under SARA 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.

This product contains respirable quartz as an impurity and therefore is classified as STOT RE2 according to criteria defined in the Regulation EC 1272/2008 and does not meet the criteria for classification as harmful according to Directive 67/548/EEC.

California Proposition 65:

This product contains chemicals known to the State of California to cause cancer and birth defects, or other reproductive harm: *Carbon black (1333864), Titanium dioxide (13463677), Nickel.

(*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.)

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

Canadian DSL Inventory Status: All components of this product are listed on the Canadian DSL Inventory List with the following exceptions: Polyester resin.

Other Regulations:

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200): Nickel.

*Titanium dioxide (13463677 1.0-10.0%) MASS, OSHAWAC, PA, TXAIR

*Talc (Mg₃H₂(SiO₃)₄) (14807966 1.0-10.0%) MASS, OSHAWAC, PA, TXAIR

*Nickel (7440020 1.0-10.0%) CERCLA, EPCRAWPC, MASS, NJHS, NRC, OSHAWAC, PA, PRIPOL, SARA313, TOXICPOL

*Carbon black (1333864 1.0-10.0%) MASS, OSHAWAC, PA, TXAIR

*Quartz (SiO₂) (14808607 1.0-10.0%) MASS, NRC, OSHAWAC, PA, TXAIR

*Mica (12001262 1.0-10.0%) MASS, OSHAWAC, PA, TXAIR

*Aluminum (7429905 <5%) EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR

*Aluminum hydroxide (Al(OH)₃) (21645512 1-5%) TSCA

*Carbon black (1333864 1-10%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Chromium hydroxide (Cr(OH)₃) (1308141 1-10%) TSCA

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- *Iron oxide (Fe₂O₃) (1309371 1-10%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Calcium carbonate (1317653 10-25%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Mica (12001262 1-10%) MASS, OSHAWAC, PA, TXAIR
- *Quartz (SiO₂) (14808607 1-10%) MASS, NRC, OSHAWAC, PA, TSCA, TXAIR
- *Rutile (TiO₂) (1317802 1-5%) TSCA
- *Talc (containing no asbestos fibers) (14807966 1-10%) MASS, OSHAWAC, PA, TSCA, TXAIR
- *Tin oxide (SnO₂) (18282105 1-10%) TSCA
- *Titanium dioxide (13463677 1-10%) MASS, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

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

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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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