

PWB Series Powder Coatings

SDS Number:

Revision Date: 9/22/2015

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

NIC Industries, Inc
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White City, OR 97503

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Product Name: PWB 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)

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HAZARDS IDENTIFICATION

Route of Entry: Inhalation, Ingestion, Skin Absorption, Eye Contact

Target Organs: Respiratory System, Reproductive System and Pulmonary System.

Inhalation: May cause cancer by inhalation. May cause irritation of the respiratory tract, coughing and breathing difficulties. Prolonged or repeated exposure may aggravate existing conditions, lead to impairment of lung capacity, cause lung scarring or cause baritosis.

Skin Contact: May cause minimal skin irritation. May aggravate existing conditions.

Eye Contact: May cause eye irritation.

Ingestion: Slightly toxic. Full effects unknown.

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NFPA:
HMIS III:

Health = 2, Fire = 0, Reactivity = 0
H*2/F0/PH0



HMIS III	
HEALTH	<input checked="" type="checkbox"/> 2
FLAMMABILITY	0
PHYSICAL HAZARDS	0
PERSONAL PROTECTION F Safety Glasses, Gloves, Apron, Dust Respirator	

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, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

- H303 - May be harmful if swallowed
- H317 - May cause an allergic skin reaction
- H333 - May be harmful if inhaled
- H335 - May cause respiratory 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.
- P220 - Keep/Store away from clothing/combustible materials.
- P232 - Protect from moisture.
- P233 - Keep container tightly closed.
- P234 - Keep only in original container.
- P235 - Keep cool.
- 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.
- P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
- P262 - Do not get in eyes, on skin, or on clothing.
- P264 - Wash _ thoroughly after handling.

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- P270 - Do not eat, drink or smoke when using this product.
- P272 - Contaminated work clothing should not be allowed out of the workplace.
- P273 - Avoid release to the environment.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P281 - Use personal protective equipment as required.
- P284 - Wear respiratory protection.
- P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P302+350 - IF ON SKIN: Gently wash with soap and water.
- P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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.
- P306+360 - IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
- P309+311 - IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
- P314 - Get Medical advice/attention if you feel unwell.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P335 - Brush off loose particles from skin.
- P337+313 - Get medical advice/attention.
- P350 - Gently wash with soap and water.
- P363 - Wash contaminated clothing before reuse.
- P376 - Stop leak if safe to do so.
- P381 - Eliminate all ignition sources if safe to do so.
- P403 - Store in a well ventilated place.
- P405 - Store locked up.
- P410+403 - Protect from sunlight. Store in a well ventilated place.

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.

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

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

This product may contain Barium Sulfate. The U EPA 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 #	Percentage	Chemical Name
	10-85%	Polyester resin

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

17464-88-9 | 1-5% | Imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, tetrahydro-1,3,4,6-tetrakis(methoxymethyl)-

Contains one or more of the following inorganic pigments:

7727-43-7	5-30%	Barium sulfate
12047-27-7	<5%	Barium titanium oxide (BaTiO3)
1317-65-3	1-40%	Calcium carbonate
1333-86-4	<5%	Carbon black
1308-14-1	<5%	Chromium hydroxide (Cr(OH)3)
1309-37-1	<5%	Iron oxide (Fe2O3)

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12001-26-2	<10%	Mica
14808-60-7	<10%	Quartz (SiO ₂)
1317-80-2	<10%	Rutile (TiO ₂)
112926-00-8	<1%	Silica, amorphous, precipitated and gel
18282-10-5	<5%	Tin oxide (SnO ₂)
13463-67-7	<15%	Titanium dioxide
7440-66-6	<15%	Zinc

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

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. Loosen tight clothing. If symptoms develop, seek medical attention.
- Skin Contact:** Remove contaminated clothing and shoes. Wash thoroughly with soap and water for at least 15 minutes. Wash clothing before reuse. If symptoms develop, seek medical attention.
- Eye Contact:** Do not rub eye. Remove any contact lenses. Immediately flush with water for at least 15 minutes, occasionally lifting eyelids to ensure thorough rinsing. If symptoms develop, seek medical attention.
- Ingestion:** Rinse mouth out and then drink plenty of water. Only induce vomiting at the instruction of medical personnel. Never induce vomiting or give anything by mouth to an unconscious or convulsing person. Seek immediate medical attention.

5 FIRE FIGHTING MEASURES

- Flash Point:** Not Available
- LEL:** Not Available
- UEL:** Not Available

Extinguishing Media:
Dry chemical powder, foam or water spray.

Sensitivity of Static Charge:
Electrostatic charge may build up during handling. Grounding of equipment is recommended.

Prevent dust cloud formation. Dust generated may create an explosive mixture with the air in the presence of an ignition source. Use proper personal protective equipment. If fire occurs, isolate area, contain and eliminate fire, then dispose of debris in accordance with official regulations.

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6 ACCIDENTAL RELEASE MEASURES

Keep all unnecessary personnel away, and isolate hazard area. Wear proper personal protective equipment. Avoid dust cloud formation. Do not touch or walk through spilled material. Approach spilled material from upwind. Prevent dispersal by wind. Ensure adequate ventilation and use proper personal protective equipment. Eliminate all sources of ignition. Scoop up carefully using non-sparking shovels or use an explosion-proof vacuum cleaner, or soak up with a non-combustible absorbent material. Keep material out of water sources, drains or sewers. Transfer to a container for disposal according to local/state/national regulations. Inform relevant authorities.

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

7 HANDLING AND STORAGE

Handling Precautions:

- Avoid dust cloud formations and use with adequate ventilation.
- Avoid breathing dust and fumes.
- Avoid bodily contact with material.
- Wear appropriate personal protective equipment.
- Wash thoroughly after handling, avoid contact with eyes.
- No eating, drinking or smoking near areas where substance is handled, processed or stored.
- Minimize the free fall distance of powder when loading, unloading, or conveying to avoid dust generation and potential static discharge.
- Ground coating equipment at all times.
- Do not allow powder to accumulate around machinery.

Storage Requirements:

- Store in cool, dry place to prevent caking.
- Keep away from all sources of ignition.
- Avoid moisture and static electricity discharges.
- Do not allow cross-contamination.
- Keep tightly closed when not being used.
- Label all containers appropriately.
- Do not reuse containers.
- Do not store near food or drinks.
- Avoid excessive aging.

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 ACGIH TWA and OSHA PEL limits of Barium Sulfate (10 mg/m³, 5 mg/m³), Mica (3 mg/m³, 20 mppcf), Iron Oxide (5 mg/m³, 10 mg/m³), Calcium Carbonate (5 mg/m³, 5 mg/m³) and Carbon Black (3.50 mg/m³, 3.50 mg/m³) are maintained.

Personal Protective Equip:

HMIS PP, F | Safety Glasses, Gloves, Apron, Dust Respirator

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.

Employ proper hygienic measures after working with material and before eating, smoking or using the lavatory. Fully wash any contaminated clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Finely divided powder

Physical State:

Solid

Odor:

Odorless

10 STABILITY AND REACTIVITY

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Stability: Stable.
Conditions to Avoid: Sources of ignition, direct sunlight and excessive heat.
Materials to Avoid: Strong oxidizing agents, strong acids and strong alkalies.
Hazardous Decomposition: May contain carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Chronic exposure to Mica has been known to produce pneumoconiosis.

12 ECOLOGICAL INFORMATION

Water hazard class 1 (self-assessment): Slightly hazardous for water and harmful to fish.
Avoid disposal in landfills and sewage systems. Product has not been tested for environmental effects.

13 DISPOSAL CONSIDERATIONS

Must not be disposed of together with household garbage.

This product is not regulated by the EPA. It is the waste generator's responsibility to determine if a particular waste is hazardous.

Disposal should be made in accordance to federal, state, and local regulations. Dispose of in a licensed facility. Do not discharge into drains, surface waters or groundwater.

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

15 REGULATORY INFORMATION

U.S. Federal Regulations:
TSCA All components are included in inventory, exempt or notified.
Titanium dioxide TSCA 8(b) inventory: Titanium dioxide.

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

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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.

California Proposition 65:

This product contains chemical(s) known to the state of California to cause cancer and birth defects, or other reproductive harm *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.)

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.

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

Canadian DSL Inventory Status: All components of this product are listed on the Canadian DSL Inventory List with the following exceptions: Polyester Resin (unknown), Calcium Carbonate (listed on NDSL).

*Proprietary Formulation (19.2-28.7%)

*Barium sulfate (7727437 19.2-28.7%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Calcium carbonate (1317653 4.8-14.4%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Mica (12001262 2.1-2.6%) MASS, OSHAWAC, PA, TXAIR

*Iron oxide (Fe₂O₃) (1309371 1.6-2.1%) MASS, OSHAWAC, PA, TSCA, TXAIR

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

*Imidazo[4,5-d]imidazole-2,5-(1H,3H)-dione, tetrahydro-1,3,4,6-tetrakis(methoxymethyl)- (17464889 1-5%) TSCA

*Barium sulfate (7727437 5-30%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Barium titanium oxide (BaTiO₃) (12047277 <5%) TSCA

*Calcium carbonate (1317653 1-40%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Carbon black (1333864 <5%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Chromium hydroxide (Cr(OH)₃) (1308141 <5%) TSCA

*Iron oxide (Fe₂O₃) (1309371 <5%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Mica (12001262 <10%) MASS, OSHAWAC, PA, TXAIR

*Quartz (SiO₂) (14808607 <10%) MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

*Rutile (TiO₂) (1317802 <10%) TSCA

*Silica, amorphous, precipitated and gel (112926008 <1%) MASS, OSHAWAC, TXAIR

*Tin oxide (SnO₂) (18282105 <5%) TSCA

*Titanium dioxide (13463677 <15%) MASS, OSHAWAC, PA, TSCA, TXAIR

*Zinc (7440666 <15%) CERCLA, EPCRAWPC, MASS, NJHS, PA, PRIPOL, SARA313, TOXICPOL, TSCA

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MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level
NRC = Nationally Recognized Carcinogens
CERCLA = Superfund clean up substance
EPCRAWPC = EPCRA Water Priority Chemicals
NJHS = NJ Right-to-Know Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
SARA313 = SARA 313 Title III Toxic Chemicals
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 (as it is your legal duty to) make all information in this Material Safety Data Sheet available to all your employees.

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