

## P Series Coatings

SDS Number:

Revision Date: 9/30/2015

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### PRODUCT AND COMPANY IDENTIFICATION

#### Manufacturer

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

**Phone:** 541.826.1922  
**Fax:** 541.830.6522  
**Email:** johnw@nicindustries.com  
**Web:** www.nicindustries.com

**Product Name:** P Series Coatings  
**Revision Date:** 9/30/2015  
**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 material or process. Regulatory requirements are subject to change and may differ from one location to another. It is the responsibility of the buy/user to ensure its activities comply with all local, state and federal regulations.

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### HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, Ingestion, Inhalation, Skin  
**Target Organs:** Central Nervous System, Kidneys, Liver, Gastrointestinal Tract  
**Inhalation:** May produce symptoms of central nervous system depression including headache, dizziness, nausea, loss of balance, and drowsiness  
**Skin Contact:** Irritating  
**Eye Contact:** Irritating  
**Ingestion:** Ingestion may cause damage to the lining of the gastrointestinal tract

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NFPA:  
HMIS III:

Health = 2, Fire = 3, Reactivity = 1  
H\*2/F3/PH1



HMIS III	
HEALTH	<input checked="" type="checkbox"/> 2
FLAMMABILITY	3
PHYSICAL HAZARDS	1
PERSONAL PROTECTION H   Splash Goggles, Gloves, Apron, Vapor Respirator	

GHS Signal Word:  
WARNING

GHS Hazard Pictograms:



GHS Classifications:

- Physical, Flammable Liquids, 3
- Health, Acute toxicity, 4 Oral
- Health, Acute toxicity, 5 Dermal
- Health, Serious Eye Damage/Eye Irritation, 2 B
- Health, Acute toxicity, 5 Inhalation
- Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

- H226 - Flammable liquid and vapour
- H302 - Harmful if swallowed
- H313 - May be harmful in contact with skin
- H320 - Causes eye irritation
- 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.
- 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.
- 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.

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- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P262 - Do not get in eyes, on skin, or on clothing.
- 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.
- 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.
- P308+313 - IF exposed or concerned: Get medical advice/attention.
- 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.
- P370+376 - In case of fire: Stop leak if safe to do so.
- P370+380 - In case of fire: Evacuate area.
- P374 - Fight fire with normal precautions from a reasonable distance.
- P381 - Eliminate all ignition sources if safe to do so.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredients:**

Cas #	Perc.	Chemical Name
64175	5-10%	Ethanol
78933	30-40%	Methyl ethyl ketone (MEK)
	10-30%	Organic Thermosetting Resin
71363	30-35%	n-Butyl alcohol
9002-84-0	0-30%	Polytetrafluoroethylene
7782-42-5	0-30%	Graphite

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 stops, have trained person administer artificial respiration and seek medical attention immediately.
- Skin Contact:** Wash thoroughly with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash all clothing before re-use. If irritation persists, seek medical attention.
- Eye Contact:** Immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention.
- Ingestion:** Do not induce vomiting. Seek medical attention immediately.

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### 5 FIRE FIGHTING MEASURES

**Flammability:** Flammable  
**Flash Point:** 20 deg Fahrenheit  
**Flash Point Method:** Not Available  
**Burning Rate:** Not Established  
**Autoignition Temp:** Not Established  
**LEL:** 1.8% MEK; 3.3% Ethanol  
**UEL:** 11.4% MEK; 19.0% Ethanol

**Extinguishing Media:**  
 Carbon dioxide, dry chemical powder, or appropriate foam.

**Fire Fighting Procedures:**

Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition. Use water spray to cool containers and avoid pressure build-up. Wear self-contained breathing apparatus and full protective clothing. Solvent vapors may be heavier than air. Stagnant air may cause vapors to build up and travel along the ground to an ignition source which may result in a flash back to the source of the vapors.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Evacuate all unnecessary personnel and eliminate all sources of ignition.

**Environmental Precautions:**

Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported, if required, to the appropriate local, state, or federal agencies.

**Small Spills:**

Cover with an inorganic absorbent, such as vermiculite, perlite, ground clay, or sand; sweep up, and dispose of appropriately. Clean contaminated area with soap and water.

**Large Spills:**

Dike to contain and pump into drums for disposal. Add vermiculite absorbent to remaining material (as above).

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

### 7 HANDLING AND STORAGE

**Handling Precautions:**

Do not get in eyes, clothing, or on skin.  
 Wash thoroughly with soap and water after handling.  
 Wear NIOSH approved respiratory if conditions exceed acceptable limits.

**Storage Requirements:**

Keep container properly closed and properly labeled.  
 Do not store in temperatures below 50F or above 77F. keep from freezing.  
 Empty containers may contain product residue. Do not cut, puncture, or weld containers.  
 Store in a cool dry place designated for combustible liquid storage.  
 Keep away from heat, sparks, and open flame.

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### 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, Vapor Respirator

Appropriate Hygienic Practices:

Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, fumes, and mists. Avoid prolonged or repeated exposure. Wash thoroughly after handling, and before eating, drinking or smoking.

Other:

Emergency shower and eyewash facility should be in close proximity.

Completely isolate and thoroughly clean all equipment, piping or vessels with a high flash, non-polar solvent before beginning maintenance or repairs.

Respiratory:

If mists or aerosols are generated during handling wear a respirator equipped with an N99 filter and an organic vapor cartridge.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Specific to product

**Physical State:** Liquid

**Spec Grav./Density:** Approximately 0.99

**Boiling Point:** 112 deg Fahrenheit

**Vapor Pressure:** Not Applicable

**pH:** Not applicable

**Odor:** Sweet Solvent

**Solubility:** Insoluble

**Freezing/Melting Pt.:** Not Established

**VOC:** 63% by Weight

### 10 STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** Moisture, Excessive Heat, Sources of Ignition

**Materials to Avoid:** Avoid water, reactive materials

**Hazardous Decomposition:** Carbon dioxide, carbon monoxide, metal oxides

**Hazardous Polymerization:** Will not occur

### 11 TOXICOLOGICAL INFORMATION

No human studies have been conducted with this specific material. The use of recommended protective equipment should prevent any adverse effects. See section 15 for further information.

### 12 ECOLOGICAL INFORMATION

Avoid release to surface waters and waste treatment systems. This material may be hazardous to aquatic organisms.

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### 13 DISPOSAL CONSIDERATIONS

Do not mix this product with aqueous or other protic waste streams. Disposal in a permitted facility in accordance with the local, state, and federal regulations is the recommended disposal method. Do not incinerate closed containers.

### 14 TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3  
UN #: UN 1263, Class: 3, Proper Shipping Name: Paint or Paint-related materials

US DOT:

Proper Shipping Name: Paint or Paint Related Materials  
Hazard Class: 3  
UN Number: 1263  
Packing Group: III

IATA:

Proper Shipping Name: Paint or Paint Related Materials  
Hazard Class: 3  
UN Number: 1263  
Packing Group: III



### 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Ethanol (64175 7.5-8%) MASS, OSHAWAC, PA, TXAIR

\*Methyl ethyl ketone (MEK) (78933 4.5-5%) CERCLA, HAP, HWRCRA, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TXAIR, TXHWL

\*n-Butyl alcohol (71363 1.5-1.6%) CERCLA, MASS, NJHS, OSHAWAC, PA, SARA313, TOXICRCRA, TXAIR, TXHWL

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**16****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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