



# SAFETY DATA SHEET

## SECTION 1. Identification

Product Code 49710

Product Name: PT 300 - PART B

Penntek Industrial Coatings  
21034 Heron Way, Suite 104  
Lakeville, MN 55044  
Main 952-236-9305 or 1-844-290-9364  
Email: info@penntekcoatings.com  
www.penntekcoatings.com

24 Hour Emergency:  
INFOTRAC: 1-800-535-5053

Outside U.S. and Canada  
Infotrac: 352-323-3500

NOTE: INFOTRAC and National Response Center emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

## SECTION 2. Hazard(s) Identification

\*\*\* EMERGENCY OVERVIEW \*\*\*: Highly flammable liquid and vapor. Causes serious eye irritation.

### GHS Classification

Acute Tox. 4 Inhalation, Eye Irrit. 2, Flam. Liq. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3 NE, STOT SE 3 RTI

### Symbol(s) of Product



### Signal Word

Danger

### GHS HAZARD STATEMENTS

Flammable Liquid, category 2	H225	Highly flammable liquid and vapor.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
Eye Irritation, category 2	H319	Causes serious eye irritation.
Acute Toxicity, Inhalation, category 4	H332	Harmful if inhaled.
Respiratory Sensitizer, category 1	H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT, single exposure, category 3, RTI	H335	May cause respiratory irritation.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.

### GHS PRECAUTIONARY STATEMENTS

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P284	[In case of inadequate ventilation] wear respiratory protection.
P302+P352	IF ON SKIN: Wash with plenty of water

P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor/physician if you feel unwell.
P321	Specific treatment (see first aid section on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/physician
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use appropriate method to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### SECTION 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>	<u>GHS Symbols</u>	<u>GHS Statements</u>
Hexane, 1,6 - Diisocyanate-, Homopolymer	28182-81-2	50-75	GHS07-GHS08	H317-332-334-335
n-Butyl Acetate	123-86-4	10-25	GHS02-GHS07	H226-336
2-propanone	67-64-1	10-25	GHS02-GHS07	H225-319-336

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

### SECTION 4. First-Aid Measures



**FIRST AID - EYE CONTACT:** Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.

**FIRST AID - SKIN CONTACT:** Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse.

**FIRST AID - INHALATION:** Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

**FIRST AID - INGESTION:** Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. Do not induce vomiting. Do not give liquids. Obtain emergency medical attention.

### SECTION 5. Fire-Fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Highly flammable liquid and vapor. Vapors/dust may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Closed container may explode under extreme heat.

**SPECIAL FIREFIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service and eliminate all sources of ignition. Do not use water. Water spray to cool containers or protect personnel. Use with caution.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

### SECTION 6. Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Evacuate unnecessary personnel. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use water mist or spray to disperse vapors. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed

materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump).

## SECTION 7. Handling and Storage



**HANDLING:** Use only in a well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Take precautionary measures against static discharge. When transferring, follow proper grounding procedures. Use spark-resistant tools. Do not load into compartments adjacent to heated cargo. Use explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. After opening, purge container with nitrogen before reclosing. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

**STORAGE:** Keep away from heat, sparks, and flame. Store containers in a cool, well ventilated place. Keep container closed when not in use. Storage under nitrogen atmosphere is recommended.

## SECTION 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Hexane, 1,6 - Diisocyanate-, Homopolymer	N.D.	N.D.	N.D.	N.D.
n-Butyl Acetate	150 ppm	200 ppm	150 ppm	N.D.
2-propanone	500 ppm	750 ppm	1000 ppm	N.D.

### Personal Protection



**RESPIRATORY PROTECTION:** Wear a MSHA/NIOSH approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.



**SKIN PROTECTION:** Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots.



**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield.



**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



**HYGENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

## SECTION 9. Physical and Chemical Properties

<b>Appearance:</b>	Pale yellow liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Typical	<b>Odor Threshold:</b>	N.D.
<b>Density, g/cm<sup>3</sup>:</b>	1.025	<b>pH:</b>	N.D.
<b>Freeze Point, °F:</b>	N.D.	<b>Viscosity:</b>	N.D.
<b>Solubility in Water:</b>	Insoluble	<b>Explosive Limits, vol%:</b>	1.7 - 12.8
<b>Boiling Range, °F:</b>	133 - 257	<b>Flash Point, °F:</b>	25
<b>Evaporation Rate:</b>	Not determined	<b>Auto-ignition Temp., °F:</b>	N.D.
<b>Vapor Density:</b>	N.D.	<b>Vapor Pressure:</b>	N.D.

(See "Other information" Section for abbreviation legend)

## SECTION 10. Stability and Reactivity

**STABILITY:** No Information

**CONDITIONS TO AVOID:** Avoid impact, friction, heat, sparks, flame and source of ignition.

**INCOMPATIBILITY:** Keep separate from alkalies. Avoid contact with moisture and/or water. Prevent contact with halogens. Prevent contact with strong oxidizing agents. Avoid contact with amines. Keep away from acids. Avoid contact with bases. Avoid contact with alcohols.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic gases/fumes are given off during burning or thermal decomposition. During combustion carbon monoxide may be formed. During combustion carbon dioxide may be formed. During combustion asphyxiants may be formed. Decomposition releases nitrogen oxides.

**HAZARDOUS POLYMERIZATION:** No Information

## SECTION 11. Toxicological Information



### Information on Toxicological Effects

**EFFECTS OF OVEREXPOSURE - INHALATION:** Harmful if inhaled. Breathing in the material may irritate the mucous membranes of the nose, throat bronchi and lungs. May be irritating to the respiratory system. Vapors have a narcotic effect and may cause headache, fatigue/drowsiness, dizziness and nausea. May cause respiratory sensitization or asthma in susceptible individuals.

**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Causes skin irritation. May cause skin sensitization, an allergic reaction, which becomes evident on reexposure to this material. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Personnel with pre-existing skin disorders should avoid contact with this product.

**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** Causes serious irritation to eyes. May cause tearing, redness and discomfort.

**EFFECTS OF OVEREXPOSURE - INGESTION:** Harmful if swallowed. Ingestion may result in nausea, vomiting, diarrhea and pain. May cause dizziness and drowsiness and/or stupor.

**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** Exposure may damage liver and kidneys. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

**Primary Route(s) of Entry:** Eye Contact, Ingestion, Inhalation, Skin Contact

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name according to EEC</u>	<u>Oral LD50, mg/kg</u>	<u>Dermal LD50, mg/kg</u>	<u>Vapor LC50, mg/L</u>
28182-81-2	Hexane, 1,6 - Diisocyanate-, Homopolymer	N.D.	N.D.	N.D.
123-86-4	n-Butyl Acetate	14,130	>16,000	>20.0
67-64-1	2-propanone	5800.0	>2000	50.1

## SECTION 12. Ecological Information

**ECOLOGICAL INFORMATION:** No Information

## SECTION 13. Disposal Considerations



For more guidance and information contact our Waste Services Division at (262) 658-4000.

Always dispose of any waste in accordance with all local, state, and federal regulations.

**DISPOSAL METHOD:** Dispose of waste in accordance with all local, state and federal regulations.

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASE OR SPILLED:** Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Evacuate unnecessary personnel. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use water mist or spray to disperse vapors. Collect

spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Recover by pumping (use an explosion proof or hand pump).

## SECTION 14. Transport Information

<b>DOT Proper Shipping Name:</b>	Flammable Liquid, n.o.s. (n-butyl acetate, acetone)	<b>Packing Group:</b>	II
<b>DOT Hazard Class:</b>	3	<b>Hazard SubClass:</b>	No Information
<b>DOT UN/NA Number:</b>	UN1993	<b>Resp. Guide Page:</b>	128

## SECTION 15. Regulatory Information

### U.S. Federal Regulations:

#### CERCLA - SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

#### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
1,6-Hexamethylene Diisocyanate	822-06-0

#### TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

### U.S. State Regulations:

#### NEW JERSEY RIGHT-TO-KNOW:

The following materials are non-hazardous, but are among the top five components in this product.

No NJ Right-To-Know components exist in this product.

#### PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product are at or greater than 3%.

No PA Right-To-Know components exist in this product.

#### CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

No Proposition 65 Carcinogens exist in this product.

#### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -****CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class:** No Information

**SECTION 16. Other Information**

**Revision Date:** 10/15/2015 **Supersedes Date:** 4/1/2015

**Datasheet produced by:** EH&S - Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	2	<b>Flammability:</b>	3	<b>Reactivity:</b>	1 - Minimal Hazard	<b>Personal Protection:</b>	X
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**Volatile Organic Compounds, gr/ltr:** 166

DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL VOC CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING VOC CONTENT AND THAT STANDARDS/ REQUIREMENTS REGARDING VOC CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, EMCO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH VOC STANDARDS/ REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS02	
GHS07	
GHS08	

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information and recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS may not be applicable. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.