

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

**Manufacturer** Professional Coatings, Inc.,  
100 Commerce Park Dr. Cabot, AR 72023

**Telephone** (501) 843-7509 **Fax** (501) 843-9261

**Product Name** Titan Satin

**Recommended Use** Floor coating

**Restrictions on Use** For Industrial/Commercial use only

**Emergency Contact / Number** Chemtrec / (800) 424-9300 (US and Canada) / (703) 527- 3887 (outside US and Canada)

**SECTION 2: HAZARD IDENTIFICATION**

**Hazards**

Toxic to reproduction Category 2, Suspected of damaging fertility or the unborn child



**Signal Word** WARNING

**Precautionary Statements**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye protection, face protection.

**Response:** Dispose of contents and container in accordance with all regulations.

**Storage:** Store locked up.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Component Name	CAS#	Component Percent
N-methyl pyrrolidone	872-50-4	1 – 10
Diethylene glycol monobutyl ether	112-34-5	5 – 10

**SECTION 4: FIRST AID MEASURES**

**Eye Contact:** Flush eyes with large volumes of water for at least 15 minutes while holding eyelids open. Remove contacts. Seek immediate medical attention if irritation persists.

**Skin Contact:** Remove contaminated clothing and flush area with water. Wash a second time with mild soap and water. If irritation persists, seek medical attention.

**Ingestion:** If conscious, rinse mouth and drink 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a physician immediately.

**Inhalation:** Move victim to fresh air. If not breathing, if breathing is labored or irregular, or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel and seek medical attention.

**Most Important Symptoms / Effects**

**Eye:** Eye contact with vapors or solution causes serious irritation.

**Skin:** Skin irritation can occur from contact with the product.

**Ingestion:** Harmful if swallowed.

**Inhalation:** Inhalation of vapors or mist may cause respiratory irritation, dizziness or drowsiness.

**Indication of Immediate Medical Attention and Special Treatment, If Necessary**

Persistent eye or skin irritation, ingestion, difficulty in breathing, unconsciousness or respiratory distress.

**SECTION 5: FIREFIGHTING MEASURES**

**Suitable and Unsuitable Extinguishing Media:**

Product will not readily burn. Use fire-fighting techniques such as water, CO<sub>2</sub> and foam which are suitable for surrounding fire. Use a water spray to cool fire-exposed containers, structures and to protect personnel.

**Specific Hazards Arising from the Chemical:**

May produce toxic fumes, gases, and vapors in a fire.

**Specific Protective Equipment and Precautions for Fire-Fighters:**

Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal Precautions:**

Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material. See Section 8 for personal protection gear.

**Environmental Precautions:**

Contain spill if it can be done with minimal risk. Prevent liquid from entering drains, sewers or waterways. Advise EPA, state or local agencies as required.

**Methods for Cleaning Up:**

Do not discharge to the environment. Transfer to labeled, sealable containers for product recovery or safe disposal. Small liquid spills can be handled using absorbent material. Larger spills should be diked to prevent runoff to the environment or sewer.

**SECTION 7: HANDLING AND STORAGE**

**Handling and Storage:**

Follow all procedures and take normal precautions for handling the material. Store at room temperature and keep dry. May separate upon freezing; can separate or coagulate at high temperatures such as 212 °F. Reseal lid on container after use. Store only in original or compatible, clearly labeled container.

**SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**

**Exposure Limits**

Component Name	ACGIH	OSHA
Diethylene glycol monobutyl ether	10 ppm (TWA)	Not Established

**Engineering Controls:**

Use appropriate ventilation to maintain airborne concentration limits below exposure limits. Have eye wash stations and safety showers readily available.

**Eye and Face Protection:**

Wear safety glasses or chemical safety goggles; use face shield if splashing is possible e.g. when pouring large amounts.

**Skin Protection:**

Wear chemical resistant (rubber, latex, pvc) gloves to avoid prolonged or ongoing contact. Additional body garments should be used based upon the task being performed.

**Respiratory Protection:**

Maintain good ventilation or air flow. Use a respirator in areas where the exposure is unknown or above OSHA or ACGIH limits.

**General Hygiene:**

Follow accepted work practices for handling material. Do not eat, drink or smoke in areas where this product is used or stored. Wash thoroughly with soap and water after task or shift, when using the restroom or before eating.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance/Physical State</b>	Clear liquid	<b>Flash Point</b>	>200 °F
<b>Specific Gravity (Water=1)</b>	1.04 (8.66 lbs/gal)	<b>Upper Flammability Limits</b>	Not Determined
<b>Evaporation Rate (ether = 1)</b>	<1	<b>Lower Flammability Limits</b>	Not Determined
<b>pH</b>	7.5 – 8.0	<b>Auto-ignition Temperature</b>	Not Determined
<b>Solubility in Water</b>	Not Available	<b>Decomposition Temperature</b>	Not Determined
<b>Odor</b>	Amine	<b>Vapor Pressure</b>	Not Determined
<b>Odor Threshold</b>	Not Determined	<b>Vapor Density (Air=1)</b>	>1
<b>Melting/Freezing Point</b>	190-400 °F	<b>Partition Coefficient (n-octanol/water)</b>	Not Determined
<b>Boiling Range</b>	Not Determined	<b>Viscosity (mPas, 20 °C)</b>	Not Determined
<b>Initial Boiling Point</b>	Not Determined	<b>Critical Temperature</b>	Not Determined

Note: Physical and chemical properties are provided for safety, health and environmental considerations and do not fully represent product specifications. Those should be requested separately.

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** Not reactive at normal temperatures and pressure

**Chemical Stability:** Stable under normal conditions

**Possibility of Hazardous Reactions:** Will not occur under normal conditions

**Conditions to Avoid:** May separate upon freezing; can separate or coagulate at high temperatures such as 212 °F.

**Incompatible Materials:** Strong acids or bases

**Hazardous Decomposition Products:** Not Applicable

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Acute Toxicity Effects:** Likely routes of exposure are skin and eye contact. Product can cause skin, eye or lung irritation depending on length and degree of exposure.

**Chronic Toxicity Effects:** Human experience has demonstrated redness, cracking and blistering of skin through repeated and prolonged contact with n-methyl pyrrolidone. NMP is reported to be fetotoxic and teratogenic by dermal but not inhalation exposure.

**Carcinogenicity:** No components of this product have been definitively identified by OSHA, NTP or IARC as carcinogenic.

**SECTION 12: ECOLOGICAL INFORMATION**

<b>Ecotoxicity</b>	Not Determined	<b>Degradability</b>	Not Determined
<b>Mobility</b>	Not Determined	<b>Bioaccumulation</b>	Not Determined

**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, state/province, and federal environmental regulations.

**SECTION 14: TRANSPORT INFORMATION**

**DOT Information** Not Regulated

**SECTION 15: REGULATORY INFORMATION**

**TSCA Status** All components are listed in the TSCA inventory  
**SARA 311/312 Reporting Categories** None  
**SARA 313 Reportable Ingredients** N-methyl pyrrolidone 1 – 10%

**SECTION 16: OTHER INFORMATION**

**HMIS Rating** (Health, Fire, Physical Hazard) 1-0-0  
0 = Insignificant, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Extreme

**Department Issuing SDS** Health and Safety

**Disclaimer**

**Important Notice to Purchaser.** The information in this publication is based on tests that we believe are reliable. Your results may vary due to differences in test types and conditions. You must evaluate and determine whether the product is suitable for your intended application. **Professional Coatings, Inc.’s** exclusive warranty is as follows: If **Pro-Coat** products are proved defective, the user’s exclusive remedy will be, at **Pro-Coat’s** option, to replace the defective **Pro-Coat** product or to refund the purchase price for the defective quantity. Except for the replacement or refund remedies, **Pro-Coat** is not liable for direct damages or liable for indirect, incidental or consequential damages, regardless of the legal theory asserted, including negligence and strict liability.

**ADDITIONAL COMMENTS**

We recommend that containers be either professionally reconditioned for reuse by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. “EMPTY” drums should not be given to individuals. The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.