

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 Semi-Gloss

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, CO₂ 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

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

Ecotoxicity	Not Determined	Degradability	Not Determined
Mobility	Not Determined	Bioaccumulation	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.