

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 Names Pro-Link Crosslinker

Recommended Use Cross-linking agent

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

Serious eye damage / irritation Category 1, Causes serious eye damage.

Skin sensitization Category 1, May cause an allergic skin reaction

Germ cell mutagenicity Category 2, Suspected of causing genetic defects

Specific target organ toxicity
-repeated exposure, oral Category 2, May cause damage to organs through prolonged or repeated exposure if swallowed

DANGER



Precautionary Statements

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear protective gloves: < 1 hour (breakthrough time): butyl rubber (0.5 mm). Wear eye or face protection. Do not breathe vapor. Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace.

Response: Get medical attention if you feel unwell. If exposed or concerned: Get medical attention. If on skin: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a poison center or physician.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component Name	CAS#	Component Percent
Polyfunctional aziridine crosslinker	64265-57-2	50 – 100

SECTION 4: FIRST AID MEASURES

Eye Contact: Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.

Inhalation: Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel it may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

Skin Contact: Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns

must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt or waistband.

Most Important Symptoms / Effects: Causes serious eye damage with pain, watering or redness. May give off gas, vapor or dust that is very irritating or corrosive to the respiratory system. Exposure to decomposition products may cause a health hazard, serious effects may be delayed following exposure. May cause an allergic skin reaction with possible pain, irritation, redness or blistering. May cause burns to mouth, throat and stomach with possible stomach pains.

Indication of Immediate Medical Attention and Special Treatment, If Necessary: In case of inhalation of decomposition products in a fire the symptoms may be delayed. Keep under medical surveillance up to 48 hours.

SECTION 5: FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: Product will not burn. Use fire-fighting techniques such as carbon dioxide (CO₂), foam or dry chemical suitable to surrounding fire. No unsuitable methods.

Specific Hazards Arising from the Chemical: Closed containers may rupture or explode when exposed to extreme heat. Do not allow contaminated water runoff to enter waterways or drains.

Specific Protective Equipment and Precautions for Fire-Fighters: Use a water spray to cool fire-exposed containers, structures and to protect personnel. Do not enter confined fire space without full equipment and a positive pressure NIOSH-approved self-contained breathing apparatus. Closed containers may explode from high heat.

SECTION 6: ACCIDENTAL RELEASE MEASURES

See Section 8 for personal protective gear.

Personal Precautions: Isolate release area and keep unnecessary or untrained people away. Avoid skin or eye contact with spilled material.

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

See Section 8 for personal protective gear.

Handling and Storage: Harmful in contact with skin. Avoid contact with skin and eyes. Keep container closed when not in use. Handle as an industrial chemical. Store between 40 and 100 °F. Keep product and empty container away from heat and sources of ignition. Keep away from oxidizing agents.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Exposure Limits

Component Name	ACGIH TWA	OSHA TWA
----------------	-----------	----------

Not Established

Engineering Controls: Use appropriate ventilation to maintain good air quality.

Eye and Face Protection: Wear safety glasses or chemical safety goggles; use face shield if splashing is possible e.g. when pouring or working with large amounts.

Skin Protection: Wear protective gloves and other body protection according to the task and amount of exposure.

Respiratory Protection: Use a properly fitted respirator if product is misted or sprayed or there are unknown vapor levels.

General Hygiene: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke while using product. Wash at end of shift, work assignment or before eating or using the restroom.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State	Light yellow liquid	Flash Point (PMCC)	487 °F
Specific Gravity (Water=1)	1.08	Upper Flammability Limits	Not Determined
Evaporation Rate (butyl acetate = 1)	Not Determined	Lower Flammability Limits	Not Determined
pH	Not Determined	Auto-ignition Temperature	Not Determined
Solubility in Water	Not Determined	Decomposition Temperature	Not Determined
Odor	Amine	Vapor Pressure	Not Determined
Odor Threshold	Not Determined	Vapor Density (Air=1)	Not Determined
Melting/Freezing Point	Not Determined	Partition Coefficient (n-octanol/water)	Not Determined
Boiling Range	Not Determined	Viscosity (mPas, 20 °C)	200
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 storage and use conditions

Chemical Stability: Stable at normal storage and use conditions

Possibility of Hazardous Reactions: Will not occur under normal storage and use conditions

Conditions to Avoid: No data available

Incompatible Materials: Strong oxidizing agents, acids

Hazardous Decomposition Products: No data available

SECTION 11: TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this mixture. In accordance with OSHA's Hazard Communication Standard 1910.1200, this mixture is assumed to have the same health hazards as its significant components.

Acute Toxicity Effects: Likely routes of exposure are skin and eye contact which can cause irritation, pain or redness. Product can cause serious eye damage, pain or watering. May cause an allergic skin reaction, redness or blistering. May cause burns to mouth, throat or stomach. May give off gas or vapor that is very irritating or corrosive to respiratory system.

Chronic Toxicity Effects: Long term or repeated exposure may aggravate any acute symptoms. May cause damage to organs through prolonged or repeated exposure.

Carcinogenicity: NTP, OSHA and IARC have not identified any carcinogenic ingredients above the statutory limit of 0.1%.

SECTION 12: ECOLOGICAL INFORMATION

The product is not classified as an environmental hazard based on the properties of its main components.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state/province, and federal environmental regulations. Dispose of surplus or non-recyclable product via a licensed waste disposal contractor.

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: Acute, delayed health hazards

SARA 313 Reportable Ingredients: None

SECTION 16: OTHER INFORMATION

HMIS Rating: *3-1-1

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.