



Safety Data Sheet Davlin Coatings, LLC

Product Name: Acrylastic 490

Date of Preparation: July 2015

1 Identification

Manufacturer
DAVLIN COATINGS LLC
700 Allston Way
Berkeley, CA 94710

Emergency Telephone (CHEMTREC)
US and Canada: (800) 424-9300
Information Telephone
(800) 709-5919

Product Name: Acrylastic 490
Product Number: 490
Product Class: Waterbase Elastomeric

2 Hazard(s) Identification

Hazard Classification

- Signal Word: WARNING
- Flammable Gases
- Flammable Solids
- Skin Irritation
- Eye Irritation
- Respiratory Sensitizer
- Carcinogen

Hazard Statements

- Excessive exposure or inhalation may cause eye, skin, and throat irritation.
- Ingestion may cause vomiting, nausea, or diarrhea.

- Concentrated vapors may flash if exposed to ignition source.
- Closed containers may explode above when exposed to extreme heat.
- Dried material can burn.
- Contains chemical listed by IARC as a Group 1 carcinogen.



Precautionary Statements

- Read all safety information before using.
- Do not breathe gas or vapors.
- Provide sufficient ventilation.
- Wear protective gloves, goggles, and clothing.
- If inhaled, move to fresh air.
- If skin irritation occurs, wash with soap and water.
- If eye contact occurs, rinse with water for at least 15 minutes.
- If ingested, contact doctor or poison control.
- If ingested, DO NOT INDUCE VOMITING!
- Do not store above 100°F.
- Keep from freezing.
- Dispose of in accordance with Federal, State, and local regulations.
- This product contains crystalline silica, which is classified by the IARC as a Group 1 carcinogen.

3 Ingredient and Composition Information

Ingredient	CAS Number	Weight Percent
Ethylene copolymer vinyl acetate emulsion	24947-78-8 / 7732-18-5	58–60%
Nepheline syenite	37244-96-5	11–19%
Titanium dioxide	13463-67-7	0–8%
Water	7732-18-5	6–8%
Alkyd resin	NA	4–6%
Mica	12001-26-2	4–6%
Propylene glycol	57-55-6	2–4%
Isothiazolin derivative solution (microbiocide)	NA	<1%
3-Iodo-2-propynyl-butyl carbamate (fungicide)	55406-53-6	<1%
Trade secret	NA	<2%

Table includes composition information for all mixtures of Acrylastic 490.

4 First Aid Measures

General: In case of accident or if you feel unwell, seek medical advice IMMEDIATELY. (Show the label where possible.)

Symptoms to note: Irritation of exposed areas (eyes, skin, throat). Chronic overexposure to this material may lead to skin drying and/or rashes. Overexposure to its vapors, as when heated or sprayed, may cause irritation of the nose, throat, and lungs.

Eye contact: In case of contact, flush eyes with large amounts of running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Get medical attention.

Skin contact: Remove as much of the material as possible using mechanical/waterless methods before washing with soap and water. Remove contam-

inated clothing. Seek medical attention for any burns or irritation resulting from contact with cure by-products.

Inhalation: If inhaled, remove to fresh air and provide oxygen if breathing is difficult. If symptoms persist consult a physician. Give artificial respiration if not breathing. Get medical attention.

Ingestion: If conscious, have the person rinse his mouth with cold water. Do not attempt to induce vomiting (vomiting may occur naturally, but should be avoided if possible). If unconscious, treat for shock. If unconscious and vomiting, turn the person to his side to avoid choking. Never give an unconscious person anything to drink. Notify a physician or the nearest poison control center immediately.

Notes for health providers: Not applicable

5 Fire-Fighting Measures

Suitable extinguishing media: Foam, Alcohol Foam, CO₂, Dry Chemical

Fire-fighting procedures: As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. Use water spray to cool non-involved containers.

Combustion products: Carbon monoxide, carbon dioxide, nitrogen oxides

Protective equipment: NIOSH approved self-contained breathing apparatus should be worn.

6 Accidental Release Measures

When responding to leaks and spills, use personal protective equipment as outlined in Section 8: Exposure Controls and Personal Protection.

Spills, leaks, or releases: Ventilate area. Remove any sources of ignition. Contain spill area with absorbent material such as sawdust, vermiculite or sand. Absorb spill with absorbent materials and place in a closed container. In case of large spill, dike the area to prevent material from entering water systems or sewers. (See section 12: Disposal Considerations)

7 Handling and Storage

Handling: Avoid breathing aerosols, spray mists and heated vapors. Avoid prolonged or repeated skin contact. For personal protection measures, see Section 8: Exposure Controls and Personal Protection.

Storage requirements: Keep containers properly sealed when stored indoors, in a cool well-ventilated area. Keep contents away from moisture. Keep away from heat, sparks and open flame. As standard practice, never use welding or cutting torch on or near any container (even empty) as an explosion may occur. Care should be taken to prevent moisture condensation in the container.

Storage Temperature: Avoid storage above 100°F. Keep from freezing.

8 Exposure Controls and Personal Protection

Preventative measures: Conditions of use, adequacy of engineering (or other control measures), and actual exposures will dictate the need for specific protective devices at your workplace.

Work/Hygienic practices: Use good personal hygiene practices. Wash

hands before eating, drinking, smoking, or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse. Shower after work, using plenty of soap and water. Open containers of food and beverages should be kept away from areas where this product is used or stored. Eating, drinking, smoking and application of cosmetics should be prohibited in areas where this product is being used.

Respiratory protection: Avoid breathing aerosols, spray mists and heated vapors. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor and mist levels are below applicable limits. Follow respirator manufacturer's instructions for respirator use.

Ventilation: Provide sufficient ventilation to control exposure levels below airborne exposure limits.

Protective gloves: Avoid prolonged or repeated skin contact. Wear protective gloves that provide a barrier to prevent skin contact. Consult glove manufacturer to determine appropriate type.

Eye protection: Wear chemical safety glasses or goggles to guard against splashes and mists.

Other protective equipment: Use impermeable aprons and protective clothing to prevent skin contact or extended exposure to skin.

9 Physical and Chemical Properties

Appearance: White viscous liquid

Odor: Slight ammonia odor

Flammable limits in air by volume: Lower: 2.6% Upper: 12.5%

Specific gravity: (H₂O=1) 1.3

Vapor pressure: Not applicable

Odor threshold: Not applicable

Vapor density: Lighter than air

pH: 6.5–7.5

Freezing point: 32°F

Solubility in water: Dilutable

Initial boiling point and boiling range: 212°F–471°F

Flash point: 241°F

Evaporation rate: Slower than ether

Flammability: Not applicable

Auto-ignition temperature: Not applicable

Viscosity: 125–130 KU

Coating VOC: <0.37 LB/GAL (<50 g/L)

Material VOC: <0.20 LB/GAL (<20 g/L)

Percent volatile by weight: 40%

Percent solids by weight: 60%

10 Stability and Reactivity

Stability: Stable

Conditions to avoid: Open flame and other ignition sources

Hazardous decomposition products: Decomposition by fire produces carbon monoxide, oxides of nitrogen and various hydrocarbon fragments.

Incompatible materials: Strong oxidizing agents; concentrated acids

11 Toxicological Information

Inhalation health risks and symptoms of exposure: Excessive exposure to vapors or spray mists can cause irritation of eyes, nose, and throat.

Eye contact: This material may cause eye irritation.

Skin contact: This material may cause skin irritation or rash upon repeated

or prolonged contact.

Ingestion health risks and symptoms of exposure: This material can cause gastrointestinal irritation, vomiting, nausea, and/or diarrhea.

Health hazards (acute and chronic): Chronic overexposure to this material may lead to skin drying and/or rashes. Overexposure to its vapors, as when heated or sprayed, may cause irritation of the nose, throat, and lungs.

Medical conditions generally aggravated by exposure: Dermatitis, respiratory tract irritation

LD 50: Unknown

National Toxicology Program (NTP): No Listing

IARC Monographs: This product contains crystalline silica, a chemical listed by the International Agency for Research on Cancer (IARC) as a Group 1 carcinogen.

12 Ecological Information

Ecotoxicological Information: Not applicable

Persistence and Degradability: Not applicable

Bio-Accumulative Potential: Not applicable

Mobility: Not applicable

Other Adverse Effects: Not applicable

Warning: Keep out of sewers, drainage areas, and waterways. Report spills and releases, as applicable, in accordance with Federal and State regulations.

13 Disposal Considerations

Disposal method: Keep out of drains, sewers, and waterways. Land fill or incinerate according to Federal, State and Local Regulations.

For further information contact your state or local solid waste agency or the United States Environmental Protection Agency's RCRA hotline (1-800-434-9300 or 202-382-3000).

Chemical waste, even small quantities, should never be poured down drains, sewers or waterways. Empty containers should be decontaminated and either passed to an approved drum recycler or destroyed.

Empty container: Not applicable

14 Transport Information

DOT (Department of Transportation) Information

Technical name: Not applicable

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class: Not applicable

Packing group: Not applicable

Marine pollutant: Not applicable

Special precautions: Not applicable

15 Regulatory Information

No Further Regulatory Information Available

16 Other Information

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

For Your Protection: Davlin Coatings, LLC warrants only that its products meet the specifications stated in the sales contract. Typical properties, where stated, are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, NO GUARANTY, WARRANTY, OR REPRESENTATION IS MADE, INTENDED, OR IMPLIED AS TO THE CORRECTNESS OR SUFFICENCY OF ANY INFORMATION, OR AS TO THE MERCHANTABILITY OR SUITABILITY OR FITNESS OF ANY CHEMICAL COMPOUNDS OR OTHER PRODUCTS OR THE USE THEREOF AND ARE NOT SUBJECT TO A CLAIM BY A THIRD PARTY FOR INFRINGEMENT OF ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHT. THE USER SHOULD CONDUCT SUFFICIENT INVESTIGATION TO ESTABLISH THE SUITABILITY OF ANY PRODUCT FOR ITS INTENDED USE. Liability of Davlin Coatings, LLC. for all claims, whether arising out of breach of warranty, negligence, strict liability, or otherwise, is limited to the purchase price of the material. Products may be toxic and require special precautions in handling. For all products listed, the user should obtain detailed information on toxicity, together with proper shipping, handling, and storage procedures, and comply with all applicable safety and environmental standards. Toxicity and risk characteristics of chemical compounds and other products may differ when used with other materials or in a manufacturing or other process. Those risk characteristics should be determined by the user and made known to handlers, processors, and end users.

END OF DATA SHEET