

Acrylic Roof Coating

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Acrylic Roof Coating
Version:	1
Identifier 1:	Elastomeric Roof Coating
Identifier 2:	RP-CRCT-1
Chemical Family:	Pigmented Acrylic Latex
Product Use:	Elastomeric Roof EDPM Coating
Company Information:	Dicor Corporation 2965 LaVanture Pl, Elkhart, IN 46514 Phone: 574-264-2699 24 Hour Emergency Phone Number: CHEM-TEL (USA) 800-255-3924
Emergency Phone (24 hours):	INFOTRAC 1-800-535-5053 (US & Canada) 1-352-323-3500 (International)

SECTION 2

HAZARD(S) IDENTIFICATION

Hazard Classification:	Health Hazards N/A
Pictogram(s):	N/A
Signal Word:	N/A
Hazard Statements:	N/A
Precautionary Statements:	<p>Prevention</p> <p>P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray.</p> <p>P264 - Wash skin thoroughly after handling.</p> <p>P271 - Use only outdoors or in a well-ventilated area.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P210 - Keep away from heat/sparks/open flames/hot surfaces - No smoking.</p> <p>P263 - Avoid contact during pregnancy/while nursing.</p> <p>P273 - Avoid release to the environment.</p> <p>Response</p> <p>P301+P331+P314 - IF SWALLOWED: Do not induce vomiting. Get medical advice/attention if you feel unwell.</p> <p>P302+P352 - IF ON SKIN: Wash with soap and water.</p> <p>P333+P313 - If skin irritation occurs: Get medical advice/attention.</p> <p>P304+P340 - IF INHALED: Move victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>P305+P351+P338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.</p> <p>P337+P313 - If eye irritation persists: get medical advice/attention.</p>

P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
 P362+P363 - Take off contaminated clothing and wash before reuse.

Storage

P402+P403+P235 - Store in a dry and well-ventilated place. Keep cool.
 P404+P405 - Store in a closed container and locked up.

Disposal

P501 - Dispose of contents/container in accordance with local regulations.

SECTION 3

COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

Chemical Name	CAS Number	Concentration (%)
Acrylic Polymer Emulsion	Supp. Conf.	20.00 - 40.00%
Calcium Carbonate (Unbound)*	471-34-1	20.00 - 40.00%
Water	7732-18-5	10.00 - 20.00%
Titanium Dioxide (Unbound)*	13463-67-7	0.00 - 10.00%
Zinc Oxide	1314-13-2	0.00 - 10.00%

*The hazards of the listed Titanium Dioxide and Calcium Carbonate are for their powder unbound forms. In the bound form and when used for application as a coating/texture for which the above product is designed, these ingredients are not hazardous.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

SECTION 4

FIRST-AID MEASURES

Inhalation: If affected:
 Move to fresh air.
 Restore breathing.
 Keep warm and quiet.
 Consult a physician if feeling unwell.

Skin Contact: Wash off with soap and plenty of water.
 If symptoms persist, call a physician.

Eye Contact: Immediately flush eye(s) with plenty of water.
 Remove contact lenses, if present, and easy to do.
 Keep eye(s) wide open while rinsing.
 If eye irritation persists, consult a specialist.

Ingestion: Clean mouth with water and drink plenty of water afterwards.
 Do NOT induce vomiting.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed: Irritant effects.

Protection of first-aiders: Show this Safety Data Sheet to the doctor in attendance.

Notes to physician: Treat symptomatically.

SECTION 5**FIRE-FIGHTING MEASURES**

Suitable extinguishing media:	Water based coating. Will not burn under normal circumstances.
Unusual Fire and Explosion Hazards:	Closed containers may explode when exposed to extreme heat.
Specific Extinguishing Methods:	Water may be used to cool to prevent pressure build-up.
Special protective equipment for fire-fighters:	In the event of fire, wear self-contained breathing apparatus, if appropriate. Thermal decomposition may produce toxic fumes of Carbon Monoxide, Carbon Dioxide, Sulfur Oxides, and Hydrogen.

SECTION 6**ACCIDENTAL RELEASE MEASURES**

Handling Precautions:	Avoid breathing fumes. Use personal protective equipment. Deny access to unprotected persons.
Environmental precautions:	Do not flush into or allow chemical to enter surface water or sanitary sewer system. If the product contaminates rivers, lakes, or drains inform respective authorities. Local authorities should be advised if significant spillages cannot be contained.
Cleanup:	Soak up with vermiculite, floor absorbent, or other inert absorbent material (e.g. sand, silica gel, acid binder, or sawdust). Keep in suitable, closed containers for disposal.
Regulatory Requirements:	Follow applicable OSHA regulations (29 CFR 1940.120).

SECTION 7**HANDLING AND STORAGE**

Handling Precautions:	Do not breathe vapors or spray mist. Avoid exceeding the given occupational exposure limits (see Section 8). Avoid getting in eyes, on skin, or on clothing. For personal protection, see Section 8. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.
Storage Requirements:	Store in original container. Keep in a dry and well-ventilated place. Observe label precautions. Store in accordance with local regulations.

SECTION 8**EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Limits**

Component	CAS Number	Basis **	Value	Exposure Limit(s)* / Form of Exposure
Titanium Dioxide (Unbound)***	13463-67-7	ACGIH	TLV	10 mg/m ³ (Total Dust)
		OSHA	TWA	15 mg/m ³ (Total Dust)
Calcium Carbonate (Unbound)***	471-34-1	NE	NE	NE
Acrylic Polymer Emulsion	Supp. Conf.	NE	NE	NE
Water	7732-18-5	NE	NE	NE
Zinc Oxide	1314-13-2	ACGIH	TLV	2 mg/m ³ (Respirable Fraction)
		OSHA	TWA	5 mg/m ³ (Respirable Fraction)

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this Safety Data Sheet.

****Basis**

ACGIH. Threshold Limit Values (TLV)

OSHA P0. Table Z-1, Limit for Air Contaminant (1989 Vacated Values)

OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant

OSHA P2. Permissible Exposure Limits (PEL), Table Z-2

OSHA Z3. Table Z-3, Mineral Dust

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Engineering Measures:

Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits. Local exhaust preferable; general exhaust is acceptable if maintained below applicable exposure limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

Personal Protective Equipment:**Respiratory Protection**

Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary, such as whenever workers are in concentrations above the exposure limit.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye Protection

Use splash-proof safety goggles or face shield. Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin and Body Protection

Wear impervious gloves and apron to prevent skin contact. Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.

Hygiene Measures

Avoid contact with skin, eyes and clothing.
 Wash hands before breaks and immediately after handling the product.
 Remove respiratory, and skin/eye protection only after vapors have been cleared from the area.
 Remove contaminated clothing and protective equipment before entering eating areas.
 Wash thoroughly after handling.

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Liquid
Color:	White
Relative Density:	N/A
pH:	8.5 to 9
Odor:	Non-descript
Solubility:	100%
Flash Point:	Non-flammable
VOC:	80.7 g/L

SECTION 10**STABILITY AND REACTIVITY**

Reactivity:	No dangerous reaction known under conditions of normal use.
Chemical stability:	The product is chemically stable.
Possibility of hazardous reactions:	Stable under recommended storage conditions.
Conditions to avoid:	Extremes of temperature and direct sunlight, as these conditions could lead to pressure build-up in a sealed container.

SECTION 11**TOXICOLOGICAL INFORMATION****Toxicity:**

Hazardous Ingredient Name	Acute or Chronic?	Oral LD ₅₀	Dermal LD ₅₀	Dermal LC ₅₀
Titanium Dioxide (Unbound)*	Chronic	> 10,000 mg/kg (rat)	≥ 10,000 mg/kg (hamster)	NE
Calcium Carbonate (Unbound)*	No	6,450 mg/kg (rat)	NE	NE
Zinc Oxide	No	7950 mg/kg (mouse)	NE	NE

*The hazards of the listed Titanium Dioxide and Calcium Carbonate are for their powder unbound forms. In the bound form and when used for application as a coating/texture for which the above product is designed, these ingredients are not hazardous.

Irritation:	Skin irritation. Eye irritation.
Sensitization:	Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

SECTION 12**ECOLOGICAL INFORMATION****Environmental Data:**

Components	Species	Test Results
Zinc Oxide	Thamnocephalus Platyrurus Larvae	LC50; Dose: .19 mg/L; Exposure time: 24 h static
	Daphnia Magna	LC50; Dose: .098 mg/L; Exposure time: 48 h static
	Danio Rerio	EC50; Dose: 2.066 mg/L; Exposure time: 84 h static; Effect: mortality, decreased hatch
	Danio Rerio	LC50; Dose: 1.55 mg/L; Exposure time: 96 h

Environmental Hazard: This product mixture contains Zinc Oxide, which is thought to be very environmentally hazardous, and may cause long-term adverse effects in the aquatic environment.

Other Information: Do not empty into drains; dispose of this material and its container in accordance with federal, state and local regulations. Avoid dispersal of spilled material and runoff, and contact with soil, waterways, drains, and sewers.

SECTION 13**DISPOSAL CONSIDERATIONS****Disposal Methods:****Waste from Residues**

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any federal, state and local authority requirements. Do not contaminate ground water or environment.

Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14**TRANSPORT INFORMATION**

DOT: Not dangerous goods.
IATA: Not dangerous goods.
IMDG: Not dangerous goods.
 Non-regulated, not classified as dangerous.

SECTION 15**REGULATORY INFORMATION**

TSCA list: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

CERCLA Reportable Quantity: This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material contains Zinc Oxide with a known CAS number that exceeds the threshold (De Minimis) reporting level (1.0) established by SARA Title III, Section 313.

Clean Air Act: This product contains Zinc Oxide, which is considered a hazardous air pollutant (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

Ozone-Depletion Potential: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpart A, App. A + B).

California Prop 65: **WARNING:** This product can expose you to chemicals including Titanium Dioxide, which is known to the State of California to cause [cancer](#). For more information, go to www.P65Warnings.ca.gov.

SECTION 16**OTHER INFORMATION**

Further Information: This SDS was prepared in accordance with OSHA regulatory standards for Toxic and Hazardous Substances: 29 CFR 1910.1200

Disclaimer: This product is not intended for use in food or pharmaceuticals.

To the best of our knowledge, the information contained herein is accurate. However Dicor Products does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be handled with care. Although Dicor Products has described herein all of the hazards to which we are currently aware, we cannot guarantee that these are the only hazards which exist.