

Acrylic Roof Coating


SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Acrylic Roof Coating
Version:	1
Identifier 1:	Pigmented Acrylic Latex Coating
Identifier 2:	RP-IRC-1, RP-IRCT-1
Product Type:	Mixture
Product Use:	Elastomeric Roof 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
24 Hour Emergency Contact:	INFOTRAC 1-800-535-5053 (US & Canada) 1-352-323-3500 (International)

SECTION 2

HAZARD(S) IDENTIFICATION

Hazard Classification:	Health Hazards Skin Irritation, Category 2 Eye Irritation, Category 2B Specific Target Organ Toxicity - Single Exposure -Central Nervous System, Category 3
Pictogram(s):	
Signal Word:	WARNING
Hazard Statements:	H315 - Causes skin irritation. H320 - Causes eye irritation. H336 - May cause drowsiness or dizziness.
Precautionary Statements:	Prevention P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261 - Avoid breathing dust/fumes/gas/mist/vapors/spray. P264 - Wash skin thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection. Response P302+352 - IF ON SKIN: Wash with soap and water. P304+P340 - IF INHALED: Move person to fresh air and keep comfortable for breathing.

- P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P321 - Specific treatment (see additional information on this product's label)
- P333 + P313 - If skin irritation occurs: Get medical advice/attention.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.
- P362 - Take off contaminated clothing.
- P363 - Wash contaminated clothing before reuse.

Storage

- P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.

Disposal

- P501 - Dispose of contents/container in accordance with federal, state, and local regulations.

Additional Optional Hazards:

Environmental Hazards

Acute Hazard to the Aquatic Environment, Category 1
Long Term Hazard to the Aquatic Environment, Category 1



SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

Chemical Name	CAS Number	Concentration (%)
Water	7732-18-5	40.00 - 60.00%
Acrylic Polymer Emulsion	122055-81-6	20.00 - 40.00%
Calcium Carbonate (Unbound)*	471-34-1	10.00 - 20.00%
Aluminosilicate Ceramic	1318-02-1	0.00 - 10.00%
Titanium Dioxide (Unbound)*	13463-67-7	0.00 - 10.00%
Propylene Glycol	57-55-6	0.00 - 10.00%
Texanol	25265-77-4	0.00 - 10.00%
Zinc Oxide	1314-13-2	1.00 - 6.00%
Cellulose, 2-hydroxyethyl ether (Unbound)*	9004-62-0	< 1.00%
Formaldehyde	000050-00-0	< 1.00%
Diuron (ISO)	330-54-1	< 1.00%

*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

- Eye Contact:** Immediately flush eye(s) with plenty of water, occasionally lifting the upper and lower eyelids and continue to rinse for at least 15-20 minutes. Remove contact lenses, if present, and easy to do so. Get medical attention if irritation persists.
- Inhalation:** Move to fresh air and seek medical attention if breathing is affected. Consult a physician after significant exposure, or feeling unwell.
- Skin Contact:** Wash off with soap and plenty of water after use. Contact a physician if rash or severe irritation develops.

Ingestion:	Clean mouth with water and drink plenty of water afterwards. 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. Never give anything by mouth to an unconscious person. If unconscious, place in recover position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.
Most Important Symptoms and Effects, Both Acute and Delayed:	Irritant effects.
Protection of First-Aiders:	No action shall be taken involving any personal risk or without suitable training. Use personal protective equipment as required (see Section 8). 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.
Unsuitable Extinguishing Media:	N/A
Specific Extinguishing Methods:	Closed containers may explode when exposed to extreme heat. Water may be used to cool to prevent pressure build-up.
Special Protective Equipment for Fire-Fighters:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) pressure demand, MSHA/NIOSH (approved or equivalent).
Decomposition Products:	Thermal decomposition may produce toxic fumes of Carbon Monoxide, Carbon Dioxide, Sulfur Oxides, and Hydrogen.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Handling Precautions:	Do not breathe dust/fume/gas/mist/vapors/spray. Use personal protective equipment as required. Deny access to unprotected persons. Use only outdoors or in a well-ventilated area.
Environmental precautions:	Do not flush into or allow chemical to enter into 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 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 dust/fume/gas/mist/vapors/spray. Avoid exceeding the given occupational exposure limits (see Section 8). Do not get 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
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should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.

Storage Requirements:

Store in original container and locked up. Keep container closed in a dry and well-ventilated place. Observe label precautions. Store locked up and in accordance with federal, state, and local regulations.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Component	Basis	Value	Exposure Limit(s)* / Form of Exposure
Titanium Dioxide (Unbound)**	OSHA	TWA	15 mg/m ³ (Total Dust)
	ACGIH	TLV	10 mg/m ³ (Total Dust)
Zinc Oxide	NIOSH	REL	CEIL: 15mg/m ³ Form: Dust
			TWA: 5mg/m ³ 10 hours. Form: Dust & fumes.
			STEL: 10mg/m ³ 15 minutes. Form: Fertilizer and/or industrial use.
	OSHA	PEL	TWA: 5mg/m ³ 8 hours. Form: Fertilizer and/or industrial use.
Formaldehyde	OSHA	TWA	TWA: 5mg/m ³ 8 hours. Respirable fraction.
			TWA: 5mg/m ³ 8 hours. Total dust.
Diuron (ISO)	OSHA	TWA	0.75 ppm
Diuron (ISO)	OSHA	TWA	10 mg/m ³ (Total Dust)
	ACGIH	TLV	10 mg/m ³ (Total Dust)

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

**The hazards of the listed Titanium Dioxide 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.

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. 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.

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

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin and Body Protection

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**

Physical State:	Liquid	Self-Ignition Temperature:	N/A
Color:	White	VOC:	N/A
Odor	Non-Descript	Vapor Pressure:	N/A
pH:	8.5 to 9.0	Volatile:	N/A
Flash Point:	Non-Flammable	Flammability Limit:	Non-Flammable
Melting Point:	N/A	Density:	N/A
Freezing Point:	N/A	Solubility:	100%
Boiling Point:	N/A	Viscosity:	N/A

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
Propylene Glycol	No	20 mg/kg (rat)	20,800 mg/kg (rabbit)	NE
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
Texanol	No	3,200 mg/kg (rat)	> 20 mL/kg (guinea pig)	NE
Formaldehyde	Inhalation	1.8-4.0 mg/L (rat) 2974 mg/kg	>2000 mg/kg (rabbit)	NE
Diuron (ISO)	No Inhalation	4958 mg/kg (rat) >2.05g/m ³ (rat)	>5000 mg/kg (rabbit)	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: Eye and skin 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
Propylene Glycol	<i>Pimephales promelas</i>	LC50; Dose: 710 mg/L; Exposure time: 96 h
	<i>Oncorhynchus mykiss</i>	LC50; Dose: 51,600 mg/L; Exposure time: 96 h static
	<i>Daphnia magna</i>	EC50; Dose: > 10,000 mg/L; Exposure time: 24 h
	<i>Photobacterium phosphoreum</i>	EC50; Dose: 710 mg/L; Exposure time: 1/2 h
	<i>Pseudokirchneriella subcapitata</i>	EC50; Dose: 19,000 mg/L; Exposure time: 96 h
Texanol	<i>Pimephales promelas</i>	LC50; Dose: 33 mg/L; Exposure time: 96 h
	<i>Daphnia magna</i>	EC50; Dose: 147.8 mg/L; Exposure time: 48 h
	<i>Pseudokirchneriella subcapitata</i>	ErC50; Dose: 15 mg/L; Exposure time: 72 h
Titanium Dioxide	<i>Fundulus heteroclitus</i>	LC50; Dose: > 1,000,000 µg/L; Exposure time: 96 h
Zinc Oxide	<i>Skeletonema costatum</i>	IC50; Dose: 1.85 mg/L; Exposure time: 96 h
	<i>Pseudokirchneriella subcapitata</i>	IC50; Dose: 46 µg/L; Exposure time: 72 h
	<i>Daphnia magna</i>	LC50; Dose: 98 µg/L; Exposure time: 48 h
	<i>Oncorhynchus mykiss</i>	LC50; Dose: 1.1 ppm; Exposure time: 96 h

Environmental Hazard: Large or frequent spills can have a harmful or damaging effect on the environment.

Bioaccumulation Potential: Bioaccumulation potential is high (BCF 28,960).

Other Information: Do not empty into drains; dispose of this material and its container in accordance with 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.

Contaminated Packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal in accordance with federal, state and local regulations.

SECTION 14

TRANSPORT INFORMATION

	DOT Classification	IMDG	IATA
UN Number	UN3082	UN3082	UN3082
UN Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Zinc Oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Zinc Oxide). Marine pollutant (Zinc Oxide)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Zinc Oxide)
Transport Hazard Class(es)	9 	9 	9 
Packing Group	III	III	III
Environmental Hazards	Yes	Yes	Yes

Additional Information:	<p>DOT Classification Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. This product is not regulated as a hazardous material when transported in sizes of less than or equal to 5L or less than or equal to 5kg, provided the packaging meets the general provisions of §§173.24 and 173.24a.</p> <p>IMDG This product is not regulated as a dangerous good when transported in sizes of less than or equal to 5L or less than or equal to 5kg, provided the packaging meets the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.</p> <p>IATA This product is not regulated as a dangerous good when transported in sizes of less than or equal to 5L or less than or equal to 5kg, provided the packaging meets the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.</p>
Special Precautions for User:	<p>Transport Within User's Premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the products know what to do in the event of an accident or spillage.</p>

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.
Clean Water Act 307:	Zinc Oxide
SARA 313:	<p>Form R-Reporting Requirements This product contains: Diuron (ISO) with a CAS number 330-54-1 that has a threshold of 15%. 3-Iodo-2-Propynyl Butyl Carbamate with a CAS number 55406-53-6 that has a threshold of 3%. Zinc Oxide with a CAS number 1314-13-2 that has a threshold of greater than or equal to 1% to less than or equal to 3%.</p> <p>Supplier Notification This product contains: Diuron (ISO) with a CAS number 330-54-1 that has a threshold of 15%. 3-Iodo-2-Propynyl Butyl Carbamate with a CAS number 55406-53-6 that has a threshold of 3%. Zinc Oxide with a CAS number 1314-13-2 that has a threshold of greater than or equal to 1% to less than or equal to 3%. Formaldehyde with a CAS number 000050-00-0 that has a threshold of 5%.</p>
California Prop 65:	WARNING: This product can expose you to chemicals including Titanium Dioxide, Diuron, and Formaldehyde which are known to the State of California to cause cancer . For more information, go to www.P65Warnings.ca.gov .

WARNING: This product can expose you to chemicals including Diuron which is known to the State of California to cause [birth defects and reproductive harm](#). For more information, go to www.P65Warnings.ca.gov.

Other U.S. State Inventories:

Chemical Name	Massachusetts	New Jersey	Pennsylvania
Diethylene Glycol	X		
Titanium Dioxide	X	X	X
Zinc Oxide	X	X	X

SECTION 16

OTHER INFORMATION

Previous Editions:

First Published: 06/21/2021

Further Information:

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

Disclaimer:

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.