Safety Data Sheet

Coolcoat

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: Coolcoat
Version: 1
Identifier 1: Pigmented Acrylic Latex Coating
Identifier 2: RP-IRC-1, RP-IRCT-1 Mixture
Product Type:
Product Use: Elastomeric Roof Coating

Company Information:
Dicor Products, an Airxcel brand
2965 Lavanture Place
Elkhart, IN 46514
Phone: (574) 264-2699
Internet Address: www.dicorproducts.com

24 Hour Emergency Contact:
ChemTel
1-800-255-3924 (US & Canada)

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: Remove 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 Aquatic Toxicity, Category 3
Chronic Aquatic Toxicity, Category 3
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 - 06.00%
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

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/m³ (Total Dust)
	ACGIH	TLV	10 mg/m³ (Total Dust)
Zinc Oxide	NIOSH	REL	CEIL: 15mg/m³ Form: Dust
			TWA: 5mg/m3 10 hours. Form: Dust & fumes.
			STEL: 10mg/m³ 15 minutes. Form: Fertilizer and/or industrial use.
	OSHA	PEL	TWA: 5mg/m³ 8 hours. Form: Fertilizer and/or industrial use.
			TWA: 5mg/m³ 8 hours. Respirable fraction.
			TWA: 5mg/m³ 8 hours. Total dust.
Formaldehyde	OSHA	TWA	0.75 ppm
Diuron (ISO)	OSHA	TWA	10 mg/m³ (Total Dust)
	ACGIH	TLV	10 mg/m³ (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	*Pimephales promelas*	LC50; Dose: 710 mg/L; Exposure time: 96 h
	Oncorhynchus mykiss	LC50; Dose: 51,600 mg/L, Exposure time: 96 h static
	Daphnia magna	EC50; Dose: > 10,000 mg/L; Exposure time: 24 h
	Photobacterium phosphoreum	EC50; Dose: 710 mg/L; Exposure time: ½ h
	Pseudokirchneriella subcapitata	EC50; Dose: 19,000 mg/L; Exposure time: 96 h
Texanol	*Pimephales promelas*	LC50; Dose: 33 mg/L; Exposure time: 96 h
	Daphnia magna	EC50; Dose: 147.8 mg/L; Exposure time: 48 h
	Pseudokirchneriella subcapitata	ErC50; Dose: 15 mg/L; Exposure time: 72 h
Titanium Dioxide	*Fundulus beteroclitus*	LC50; Dose: > 1,000,000 µg/L; Exposure time: 96 h
Zinc Oxide	*Skeletonema costatum*	IC50; Dose: 1.85 mg/L; Exposure time: 96 h
	Pseudokinhneriella subcapitata	IC50; Dose: 46 µg/L; Exposure time: 72 h
	Daphnia magna	LC50; Dose: 98 µg/L; Exposure time: 48 h
	Oncorhynchus mykiss	LC50: Dose: 1.1 ppm; Exposure time: 96 h

Environmental Hazard: This product mixture is not classified as environmentally hazardous. However, this does not exclude the possibility that 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.

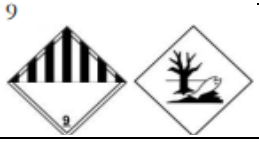
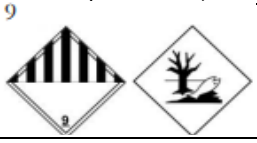
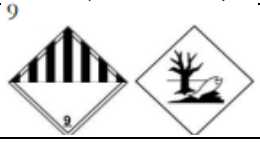
SECTION 13 DISPOSAL CONSIDERATIONS

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	ENVIRNMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Zinc Oxide)	ENVIRNMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Zinc Oxide). Marine pollutant (Zinc Oxide)	ENVIRNMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S (Zinc Oxide)
Transport Hazard Classs(es)			
Packing Group	III	III	III
Environmental Hazards	Yes	Yes	Yes

Additional Information:

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 ≤5L or ≤5kg, provided the packaging meets the general provisions of §§173.24 and 173.24a.

IMDG
This product is not regulated as a dangerous good when transported in sizes of ≤5L or ≤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.

IATA
This product is not regulated as a dangerous good when transported in sizes of ≤5L or ≤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.

Special Precautions for User:

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.

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:

	Product Name	CAS Number	%
Form R-Reporting requirements	Diuron (ISO) 3-iodo-2-propynyl butyl carbamate Zinc Oxide	330-54-1 55406-53-6 1314-13-2	15 3 ≥ 1 - ≤ 3
Supplier Notification	Diuron (ISO) 3-iodo-2-propynyl butyl carbamate Zinc Oxide	330-54-1 55406-53-6 1314-13-2	15 3 ≥ 1 - ≤ 3
	Formaldehyde	000050-00-0	5

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: 05/24/2021

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 Anvil 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.