

Safety Data Sheet

Issue Date: 21-Nov-2013

Revision Date: 14-Sep-2020

Version 2

1. IDENTIFICATION

Product identifier

Product Name ROOF SEAL PREMIUM-Fluid Applied Elastomeric Coating

Other means of identification

SDS # RSP

Recommended use of the chemical and restrictions on use

Recommended Use Elastomeric coating for concrete, metal, SPF, asphaltic and other substrates.

Details of the supplier of the safety data sheet

Manufacturer Address

Acry-Tech Coatings, Inc.
7241 Haverhill Business PKWY
Suite 108
Riviera Beach, FL 33407

Emergency telephone number

Company Phone Number 1-800-771-6001
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance White colored moderately viscous liquid

Physical state Liquid

Odor Mild characteristic

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Other hazards

Toxic to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
1,2 Propanediol	57-55-6	<1
7 alpha ethylhydri 1H,3H,5H oxazolo (3,4 c)oxazole	7747-35-5	<1
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea	330-54-1	<1
Ammonia	7664-41-7	<1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention.

Skin Contact	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. Seek medical attention.
Ingestion	Drink 1 or 2 glasses of water. Call a physician.

Most important symptoms and effects, both acute and delayed

Symptoms	Breathing vapors may result in headaches, nausea, and irritation to the lungs. May cause dermatitis or irritation in some individuals upon prolonged contact. Prolonged contact may cause irreversible damage to eye. Exposed individuals may experience eye tearing, redness and discomfort. May cause nausea, vomiting and/or diarrhea if ingested. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. May adversely affect renal, hepatic, neurologic processes, spleen, and thyroid.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**Carbon dioxide (CO₂). Dry chemical.**Unsuitable Extinguishing Media** Water aggravates spill clean up.**Specific Hazards Arising from the Chemical**

Material can splatter above 100 degrees Celsius. Dried film may burn.

Hazardous combustion products Carbon oxides. Nitrogen oxides (NO_x).**Explosion Data****Sensitivity to Mechanical Impact** Not applicable.**Sensitivity to Static Discharge** Not applicable.**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal Precautions** If in a confined area, NIOSH approved respiratory protection may be required. Keep spectators away.**Environmental precautions****Environmental precautions** See Section 12 for additional Ecological Information.**Methods and material for containment and cleaning up****Methods for Containment** Prevent further leakage or spillage if safe to do so.**Methods for Clean-Up** Recover free liquid. Spread material evenly on a plastic film and allow to dry thoroughly. Dispose of in accordance with federal, state and local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Avoid breathing product vapors. Deliberate ingestion or concentrating and inhaling of vapors may be harmful or fatal. See label precautions. Avoid contact with eyes. Use personal protection recommended in Section 8.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect containers from rupture. Keep from freezing. Store between 40° and 120°F (4° and 49°C).

Incompatible Materials

Substances that are incompatible with water. Oxidizers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea 330-54-1	TWA: 10 mg/m ³	(vacated) TWA: 10 mg/m ³	TWA: 10 mg/m ³
Ammonia 7664-41-7	STEL: 35 ppm TWA: 25 ppm	TWA: 50 ppm TWA: 35 mg/m ³ (vacated) STEL: 35 ppm (vacated) STEL: 27 mg/m ³	IDLH: 300 ppm TWA: 25 ppm TWA: 18 mg/m ³ STEL: 35 ppm STEL: 27 mg/m ³

Appropriate engineering controls

Engineering Controls

Local exhaust ventilation recommended. Mechanical ventilation is acceptable.

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection

For spills or overexposure wear NIOSH approved respiratory protection with organic vapor cartridges.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Mild characteristic
Appearance	White colored moderately viscous liquid	Odor Threshold	Not determined
Color	White		
Property	Values	Remarks • Method	
pH	8.5-9.0		
Melting point / freezing point	0 °C / 32 °F		
Boiling point / boiling range	> 100 °C / >212 °F		
Flash point	Not established (water based product)		
Evaporation Rate	< 0.1		
Flammability (Solid, Gas)	n/a-liquid		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Flammability Limit in Air		
Upper flammability or explosive limits	Not applicable	
Lower flammability or explosive limits	Not applicable	
Vapor Pressure	Not established	
Vapor Density	Not established	
Relative Density	1.32	@ 60°F (ASTM D 1298)
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not determined	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
<u>Other information</u>		
VOC Content	0.75 lb/gal; 90 g/L	
Liquid Density	11.40 lb/gal	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Temperatures >100 °C.

Incompatible materials

Substances that are incompatible with water. Oxidizers.

Hazardous decomposition products

Carbon oxides. Nitrogen oxides (NOx).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact Avoid contact with skin.

Inhalation Avoid breathing vapors or mists.

Ingestion Do not taste or swallow.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
1,2 Propanediol 57-55-6	= 20 g/kg (Rat)	= 20800 mg/kg (Rabbit)	-
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea 330-54-1	= 1017 mg/kg (Rat) = 4990 mg/kg (Rat)	> 5 g/kg (Rat) > 2000 mg/kg (Rat)	> 0.265 mg/L (Rat)
Ammonia 7664-41-7	= 350 mg/kg (Rat)	-	= 2000 ppm (Rat) 4 h

Symptoms related to the physical, chemical and toxicological characteristics**Symptoms**

Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Carcinogenicity**

Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

Not determined.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Toxic to aquatic life with long lasting effects.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
1,2 Propanediol 57-55-6	19000: 96 h Pseudokirchneriella subcapitata mg/L EC50	51400: 96 h Pimephales promelas mg/L LC50 static 710: 96 h Pimephales promelas mg/L LC50 41 - 47: 96 h Oncorhynchus mykiss mL/L LC50 static 51600: 96 h Oncorhynchus mykiss mg/L LC50 static	1000: 48 h Daphnia magna mg/L EC50 Static 10000: 24 h Daphnia magna mg/L EC50
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea 330-54-1	0.022: 96 h Desmodesmus subspicatus mg/L EC50 0.1: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.0007: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.036: 72 h Desmodesmus subspicatus mg/L EC50 static	13.4 - 15: 96 h Pimephales promelas mg/L LC50 static 2.9: 96 h Cyprinus carpio mg/L LC50 13.4 - 15: 96 h Pimephales promelas mg/L LC50 flow-through 14.7: 96 h Oncorhynchus mykiss mg/L LC50 4: 96 h Lepomis macrochirus mg/L LC50 1.5 - 2.54: 96 h Oncorhynchus mykiss mg/L LC50 static 2.3 - 3.3: 96 h Lepomis macrochirus mg/L LC50 static	6.3 - 13: 48 h Daphnia magna mg/L EC50 Static 1.4: 48 h Daphnia magna mg/L EC50
Ammonia 7664-41-7		5.9: 96 h Pimephales promelas mg/L LC50 static 1.19: 96 h Poecilia reticulata mg/L LC50 static 0.73 - 2.35: 96 h Pimephales promelas mg/L LC50 0.44: 96 h Cyprinus carpio mg/L LC50 0.26 - 4.6: 96 h Lepomis macrochirus mg/L LC50 1.17: 96 h Lepomis macrochirus mg/L LC50 flow-through 1.5: 96 h Poecilia reticulata mg/L LC50	25.4: 48 h Daphnia magna mg/L LC50

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea 330-54-1	2.82
Ammonia 7664-41-7	-1.14

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG
Marine Pollutant This material may meet the definition of a marine pollutant

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
1,2 Propanediol	X	ACTIVE	X	X	X	X	X	X	X
7 alpha ethylhydri 1H,3H,5H oxazolo (3,4 c)oxazole	X	ACTIVE	X	X		X	X	X	X
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea	X	ACTIVE	X	X	X	X	X	X	X
Ammonia	X	ACTIVE	X	X	X	X	X	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea 330-54-1	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Ammonia 7664-41-7	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

SARA 311/312 Hazard Categories

Not applicable

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea	100 lb			X
Ammonia	100 lb			X

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical name	California Proposition 65
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea - 330-54-1	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
1,2 Propanediol 57-55-6	X		X
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea 330-54-1	X	X	X
Ammonia 7664-41-7	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical hazards	Personal Protection
	1	0	0	Not determined

Issue Date: 21-Nov-2013
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Revision Note: Address change

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet