Safety Data Sheet

Issue Date: 30-Oct-2013 **Revision Date:** 16-Sep-2020 **Version** 2

1. IDENTIFICATION

Product identifier

Product Name Ceramax-Fluid Applied Ceramic Elastomeric Coating

Other means of identification

SDS # CER

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 viscous liquid **Physical state** Liquid **Odor** Mild characteristic ether

Classification

Acute toxicity - Oral	Category 4

Signal Word
Warning

Hazard statements
Harmful if swallowed

Precautionary Statements - Prevention
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

Precautionary Statements - Response
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Other hazards
Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Trade Secret	Proprietary	<0.003
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea	330-54-1	<0.003
Methyl-2-benzimidazole carbamate	10605-21-7	<0.002
Iodopropynyl butylcarbamate	55406-53-6	<0.002
Ammonium hydroxide	1336-21-6	<0.002
Aliphatic Petroleum Distillates	64741-44-2	<0.002
Propylene Glycol	25322-69-4	<0.001
Isoparaffinic Hydrocarbon	64742-47-8	<0.001

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. If eye irritation persists: Get medical advice/attention.

Skin Contact If prolonged contact occurs, rinse thoroughly with water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Inhalation Remove to fresh air.

Ingestion Drink 1 or 2 glasses of water. Do NOT induce vomiting. Call a poison center or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Symptoms May cause skin and eye irritation. May cause nausea, vomiting and/or diarrhea if ingested. May include redness, drying and cracking of skin.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical
Non-combustible.

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 Use personal protective equipment as required. Spills may be slippery.

Environmental precautions

Environmental precautions Keep spills out of sewers, drains, and open bodies of water.

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 Scoop up and collect with an inert absorbent and place into closable containers for disposal. Small spills may be permitted to be flushed to a sanitary sewer. Check with local authorities before proceeding.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only in well-ventilated areas. Protect containers from rupture.

Conditions for safe storage, including any incompatibilities

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

Incompatible Materials None known based on information supplied.

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

Appropriate engineering controls

Engineering Controls None under normal use conditions.

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 protective clothing and gloves to avoid skin contact.

Respiratory Protection Refer to 29 CFR 1910.134 for respiratory protection requirements.

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		
Appearance	White viscous liquid	**Odor**	Mild characteristic ether
Color	White	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	8.0-9.0	
Melting point / freezing point	0 °C / 32 °F	
Boiling point / boiling range	> 100 °C / >212 °F	
Flash point	Not applicable	
Evaporation Rate	<0.1	
Flammability (Solid, Gas)	n/a-liquid	
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	1.19	@ 60°F (ASTM D 1298)
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	Not applicable	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

Other information

VOC Content 0.087 lb/gal; 10.425 g/L

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

None known based on information supplied.

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 Harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
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)
Aliphatic Petroleum Distillates 64741-44-2	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	= 1.78 mg/L (Rat) 4 h
Methyl-2-benzimidazole carbamate 10605-21-7	> 5050 mg/kg (Rat) = 6400 mg/kg (Rat)	> 10000 mg/kg (Rabbit) = 8500 mg/kg (Rabbit) = 2 g/kg (Rat)	-
Ammonium hydroxide 1336-21-6	= 350 mg/kg (Rat)	-	-
Propylene Glycol 25322-69-4	= 3750 mg/kg (Rat) > 2 g/kg (Rat)	-	-
Isoparaffinic Hydrocarbon 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (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 Carcinogenic potential is unknown.

Numerical measures of toxicity

Oral LD50 1620 mg/kg (rat)
Dermal LD50 > 2000 mg/kg (rabbit)

12. ECOLOGICAL INFORMATION

Ecotoxicity
Harmful to aquatic life with long lasting effects.

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
Aliphatic Petroleum Distillates 64741-44-2	6

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.

US EPA Waste Number

Chemical name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
Methyl-2-benzimidazole carbamate 10605-21-7	U372	Included in waste streams: K156, K158		U372

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Ammonium hydroxide 1336-21-6	Toxic Corrosive

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/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Trade Secret	X	ACTIVE	X	X	X	X	X	X	X
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea	X	ACTIVE	X	X	X	X	X	X	X
Iodopropynyl butylcarbamate	X	ACTIVE	X	X	X	X	X	X	X
Aliphatic Petroleum Distillates	X	ACTIVE	X	X		X	X	X	X
Methyl-2-benzimidazole carbamate	X	ACTIVE	X	X	X	X	X	X	X
Ammonium hydroxide	X	ACTIVE	X	X	X	X	X	X	X
Propylene Glycol	X	ACTIVE	X	X	X	X	X	X	X
Isoparaffinic Hydrocarbon	X	ACTIVE	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
Methyl-2-benzimidazole carbamate 10605-21-7	10 lb		RQ 10 lb final RQ RQ 4.54 kg final RQ
Ammonium hydroxide 1336-21-6	1000 lb		RQ 1000 lb final RQ RQ 454 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
Ammonium hydroxide	1000 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
Methyl-2-benzimidazole carbamate 10605-21-7	X		
Ammonium hydroxide 1336-21-6	X	X	X

16. OTHER INFORMATION

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	1	0	0	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical hazards**	**Personal Protection**
	1	0	0	Not determined

Issue Date: 30-Oct-2013
Revision Date: 16-Sep-2020
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