Safety Data Sheet

Issue Date: 20-Nov-2013 **Revision Date:** 14-Sep-2020 **Version** 2

1. IDENTIFICATION

Product identifier

Product Name ADVANTAGE-Fluid Applied Elastomeric Coating

Other means of identification

SDS # ADV

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 Off white colored viscous slightly gelatinous 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.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea	330-54-1	<1
Ammonium Hydroxide	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. Exposed individuals may experience eye tearing, redness and discomfort. Prolonged contact may cause irreversible damage to eye. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. May cause nausea, vomiting, stomach ache, and diarrhea.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

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 (NOx).

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.

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
Ammonium Hydroxide 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		
Appearance	Off white colored viscous slightly gelatinous liquid	**Odor**	Mild characteristic
Color	Off-white	**Odor Threshold**	Not determined

Property	Values	Remarks • Method
pH	7.5-8.5	
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	
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	1.39	@ 60°F (ASTM D 1298)

Property	Values	Remarks • Method
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	

Other information

VOC Content	0.12 lb/gal; 14 g/L
Liquid Density	10.0 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
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)
Ammonium Hydroxide 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
Based on ecotoxicity and environmental data for the individual ingredients in this specific formulation and for related cleaning product formulations, it is expected that this product would exhibit a non-hazardous order of toxicity at relevant environmental concentrations.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
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
Ammonium Hydroxide 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
Ammonium Hydroxide 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 Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea	X	ACTIVE	X	X	X	X	X	X	X
Ammonium Hydroxide	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
Ammonium Hydroxide 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
Ammonium Hydroxide	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
n-(3, 4-Dichlorophenyl)-n, n-Dimethylurea 330-54-1	X	X	X
Ammonium Hydroxide 7664-41-7	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: 20-Nov-2013
Revision Date: 14-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