SAFETY DATA SHEET

HIGH-GLOSS ACRYLIC 215

SECTION 1: IDENTIFICATION

Product Name:	High-Gloss Acrylic 215
Chemical Family:	Low-build protective coating
Recommended Use/Restrictions:	Not available.
Manufacturer:	American WeatherStar 8095 Padgett Switch Rd. Irvington, AL 36544
24-Hour Emergency Phone:	INFOTRAC – (800) 535-5053
Information Only:	(800) 771-6643

SECTION 2: HAZARDS IDENTIFICATION

Physical Hazards:	Not Classified
Health Hazards:	Carcinogenicity, Category 2 Reproductive toxicity, Category 1
Environmental Hazards:	Hazardous to the aquatic environment, acute hazard, Category 3
GHS Label Elements:	
Signal Word:	Danger
Hazard Statements:	Suspected of causing cancer. May damage fertility or the unborn child. Harmful to aquatic life.
Precautionary Statements:	**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. **Response:** If exposed or concerned: Get medical advice/attention. **Storage:** Store locked up. **Disposal:** Dispose of contents/container in accordance with local, regional, national, and international regulations.
Hazard(s) not otherwise classified (HNOC):	Not Known

Supplemental Information: 30.44% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.

SECTION 3: COMPOSITION/INFORMATION ON INGRIDIENTS

Chemical Name	CAS Number	% by Weight
Water	7732-18-5	50 to <60
Titanium Dioxide	13463-67-7	10 to <20
N-Methyl-2-Pyrrolidone	872-50-4	1 to <5
Aqua Ammonia (10-30%)	1336-21-6	0.1 to <1
Carbamic Acid, 1H-Benzimidazol-2-YL, Methyl Ester	10605-21-7	0.1 to <1
Other components below reportable levels		20 to <30

SECTION 4: FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist.

Ingestion: Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms, acute and delayed: Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed: Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information: If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this Safety Data Sheet to the doctor in attendance.

SECTION 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (C02).

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher as this will spread the fire.

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Firefighting equipment/instructions:	Move containers from fire area if you can do so without risk.
Specific methods:	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards:	No unusual fire or explosion hazards noted.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions
Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities:
Store locked up. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

US OSHA Table Z-1 Limits for Air Contaminants (29 CFR191.1000)

Components	Type	Value	Form
Aqua Ammonia (10-30%) (CAS 1336-21-6)	PEL	35 mg/m3	
Titanium Dioxide (CAS 13463-67-7)	PEL	50 ppm, 15 mg/m3	Total dust

US ACGIH Threshold Limit Values

Components	Type	Value
Aqua Ammonia (10-30%) (CAS 1336-21-6)	STEL	35 ppm
	TWA	25 ppm
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3

US NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Aqua Ammonia (10-30%) (CAS 1336-21-6)	STEL	27 mg/m3, 35 ppm
	TWA	18 mg/m3, 25 ppm

US Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
N-Methyl-2-Pyrrolidone (CAS 872-50-4)	TWA	40 mg/m3, 10 ppm

Biological limit values

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
N-Methyl-2-Pyrrolidone (CAS 872-50-4)	100 mg/l	5-Hydroxy-N-Methyl-2-Pyrrolidone	Urine	*

* For sampling details, please see the source document.

Exposure guidelines

US WEEL Guides: Skin

N-Methyl-2-Pyrrolidone (CAS 872-50-4)	Can be absorbed through the skin.

Appropriate Engineering Controls:	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Individual Protection Measures: (such as personal protective equipment, eye/face protection)	During fire, gases hazardous to health may be formed.
Hand Protection:	For prolonged or repeated skin contact, use suitable protective gloves.
Skin Protection:	Wear suitable protective clothing. Avoid contact, wash off if contact occurs.
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
General Hygiene Considerations:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Form:	Liquid
Color	White
Odor:	N/A
Odor Threshold:	N/A
pH:	7
Melting Point/Freezing Point:	3349.4 °F (1843 °C) estimated
Boiling Point	329 °F (165 °C)
Flash Point:	N/A
Evaporation Rate:	N/A
Flammability (solid, gas)	N/A

Upper/lower flammability or explosive limits:

Flammability limit – lower (%)	N/A
Flammability limit – upper (%)	N/A
Vapor Pressure:	1324.33 hPa estimated
Vapor Density:	N/A

Solubility(ies):

Solubility (water):	N/A
Partition Coefficient: n-octane/water	N/A
Auto-ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity:	100 ± 10 KU
Specific Gravity:	1.09
VOC (Weight %)	49g/liter (EPA Method 24)

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage, and transport.
Chemical Stability:	Material is stable under normal conditions.
Possibility of Hazardous Reactions:	No dangerous reaction known under conditions of normal use

Conditions to Avoid:	Contact with incompatible materials. Do not mix with other chemicals.
Incompatible Materials:	Acids. Oxidizing agents.
Hazardous Decomposition Products:	No hazardous decomposition products are known.

SECTION 11: TOXICOLOGICAL INFORMATION

Components	Species	Test Results
Aqua Ammonia (10-30%) (CAS 1336-21-6)		
Acute		
Oral		
LD50	Rat	350 mg/kg
Carbamic Acid, 1H-Benzimidazol-2-YL, Methyl Ester (CAS 10605-21-7)		
Acute		
Dermal		
LD50	Rabbit	>2000 mg/kg
	Rat	2000 mg/kg
Oral		
LD50	Guinea pig	>5000 mg/kg
	Mouse	11000 mg/kg
	Rat	>5000 mg/kg
N-Methyl-2-Pyrrolidone (CAS 872-50-4)		
Acute		
Dermal		
LD50	Rabbit	8000 mg/k
Oral		
LD50	Mouse	5130 mg/kg
	Rat	3914 mg/kg
		4.2 ml/kg

*Estimates for product may be based on additional component data not shown.

Information on likely routes of exposure:

Skin Contact:	No adverse effects due to skin contact are expected.
Eye Contact:	Direct contact with eyes may cause temporary irritation.
Ingestion:	Expected to be a low ingestion hazard.
Inhalation:	Prolonged inhalation may be harmful.

Symptoms related to the physical, chemical and toxicological characteristics:
Direct contact with eyes may cause temporary irritation.

Carcinogenicity:
Suspected of causing cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity
Titanium Dioxide (CAS 13463-67-7) 2B Possibly carcinogenic to humans

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed

Reproductive Toxicity:
May damage fertility or the unborn child.

Specific target organ toxicity, single exposure:
Not classified.

Specific target organ toxicity, repeated exposure:
Not classified.

Chronic effects:
Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

Toxicological Information:
Meets GS-37 requirements for skin and eye irritation at the as-used dilution.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Harmful to aquatic life.

Components		**Species**	**Test Results**
Aqua Ammonia (10-30%) (CAS 1336-21-6)			
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	15 mg/l, 96 hours
Carbamic Acid, 1H-Benzimidazol-2-YL, Methyl Ester (CAS 10605-21-7)			
Aquatic			
Fish	LC50	Channel catfish (Daphnia magna)	> 1000 mg/l, 48 hours
Titanium Dioxide (CAS 14463-67-7)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	>1000 mg/l, 48 hours
Fish	LC50	Mummichog (Fundulus heteroclitus)	>1000 mg/l, 96 hours

* Estimates shown for product may be based on additional component data not shown.

Persistence and degradability: No data is available on the degradability of this product.
Bioaccumulative potential:

Partition coefficient n-octanol/water (log Know)
Carbamic acid, 1H-Benzimidazol-2-YL, Methyl Ester: 1.52
N-Methyl-2-Pyrrolidone: -0.54

Mobility in soil: No data is available on the mobility in soil of this product.
Other adverse effects: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Instructions
Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazardous Waste Code
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste From Residue/Unused Products
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated Packaging
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: TRANSPORT INFORMATION

DOT: Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not established.

SECTION 15: REGULATORY INFORMATION

United States Federal Regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
Not regulated.

US. EPA CERCLA Hazardous Substances (40 CFR 302)
Aqua Ammonia (10-30%) (CAS 1336-21-6): Listed
Carbamic Acid, 1H-Benzimidazol-2-YL, Methyl Ester (CAS 10605-21-7): Listed

SARA 304 Emergency release notification
Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard Categories:
Immediate Hazard – No
Delayed Hazard – Yes
Fire Hazard – No
Pressure Hazard – No
Reactivity Hazard – No

SARA 302 Extremely hazardous substance: Not listed
SARA 311/312 Hazardous chemical: No
SARA 313 (TRI reporting):
N-Methyl-2-Pyrrolidone (CAS 872-50-4), 1 to <5 % by wt.
Aqua Ammonia (10-30%) (CAS 1336-21-6), 0.1 to <1 % by wt.

Other Federal Regulations:
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.
Safe Drinking Water Act (SDWA): Not regulated.

US State Regulations:

US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

N-Methyl-2-Pyrrolidone (CAS 872-50-4)

Titanium Dioxide (CAS 13463-67-7)

US. Massachusetts RTK - Substance List

Aqua Ammonia (10-30%) (CAS 1336-21-6)

N-Methyl-2-Pyrrolidone (CAS 872-50-4)

Titanium Dioxide (CAS 13463-67-7)

US. New Jersey Worker and Community Right-to-Know Act

Aqua Ammonia (10-30%) (CAS 1336-21-6)

CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)

N-Methyl-2-Pyrrolidone (CAS 872-50-4) Titanium Dioxide (CAS 13463-67-7)

US. Pennsylvania Worker and Community Right-to-Know Law

Aqua Ammonia (10-30%) (CAS 1336-21-6)

N-Methyl-2-Pyrrolidone (CAS 872-50-4)

Titanium Dioxide (CAS 13463-67-7)

US. Rhode Island RTK

Aqua Ammonia (10-30%) (CAS 1336-21-6)

CARBAMIC ACID, 1H-BENZIMIDAZOL-2-YL, METHYL ESTER (CAS 10605-21-7)

N-Methyl-2-Pyrrolidone (CAS 872-50-4)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

3-(3,4 Dichlorophenyl)-1,1-Dimethylurea (CAS 330-54-1)	Listed: May 31, 2002
DIPHENYL KETONE (CAS 119-61-9)	Listed: June 22, 2012
Titanium Dioxide (CAS 13463-67-7)	Listed: September 2, 2011

US - California Proposition 65 - CRT: Listed date/Developmental toxin

N-Methyl-2-Pyrrolidone (CAS 872-50-4)	Listed: June 15, 2001

International Inventories

Country or region	Inventory name	On inventory*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ENCS)	Yes
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country. A “No” indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country

SECTION 16: OTHER INFORMATION

Issue Date:	11-21-2014
Revision Date:	8-22-2019
Version #	05
HMIS® ratings:	Health: 1*
	Flammability: 0
	Physical hazard: 0
NFPA ratings:	Health: 0
	Flammability: 0
	Instability: 0

The method of hazard communication for Everest Systems, LLC is comprised of Product Labels and Safety Data Sheets.

Contact:	Public Safety Department
Telephone:	832.922.2926
Version Date:	06/30/2016
SDS Version	1.1

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