



SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **DreamGuard Coating**

DATE ISSUED: 8/21/18

MATERIAL SAFETY DATA SHEET

Manufacturer: Aqua Based Technologies, a division of ADM Tronics Unlimited Inc.
224 Pegasus Ave.

Northvale, N.J. 07647

Phone: 973-767-6040

CHEMTRIC Assistance 800-424-9300

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NAME: **DreamGuard**

PRODUCT USE: Water Based Coating

SECTION 2 – INGREDIENT INFORMATION

Chemical	Cas#	EINECS#	Weight%
Acrylic Copolymer	9003-01-4	N\A	0-40
Ammonia	7664-41-7	231-635-3	0.1 Max
Water	7732-18-5	231-791-2	60-65

EXPOSURE LIMIT/

INGREDIENT WEIGHT% TOXICITY

Arylic polymers (Non-Hazardous)..... 45-50 NOT ESTABLISHED

Water (CAS# 7732-18-5)..... 45-50 NOT ESTABLISHED

(PA NJ MA) Ammonium hydroxide, 28%... 2-4 NOT ESTABLISHED

(CAS# 1336-21-6) LD50: 350 mg/kg (oral-rat)

The ammonium hydroxide listed above forms a salt of the polymer, which solubilizes the polymer in water. The amount of free ammonia that may be present is below de minimus levels for disclosure. Toxicology studies of products containing similar levels of polymer salt indicate that the products may be classified as non-hazardous.

SECTION 3 – HEALTH HAZARDS IDENTIFICATION (Also See Section 11)

ROUTE(S) OF ENTRY..... Eye contact. Skin contact.

EFFECTS OF ACUTE EXPOSURE:

EYE..... May cause: Mild eye irritation.

SKIN..... Prolonged or repeated contact may cause: Mild skin irritation.

INHALATION..... None known.

INGESTION..... May cause: Nausea. Abdominal discomfort.

MEDICAL CONDITIONS..... Persons with pre-existing skin disorders may be

GENERALLY RECOGNIZED more susceptible to irritating effects.

AS BEING AGGRAVATED BY EXPOSURE

SECTION 4 – FIRST AID MEASURES

EYE CONTACT..... Rinse with plenty of water. If irritation develops, get medical attention.

SKIN CONTACT..... Wash contaminated area with water and soap. If irritation develops, get medical attention.

INHALATION..... Remove to fresh air. If breathing is affected, get medical attention.

INGESTION..... Immediately drink 1–2 glasses of water or milk. If discomfort persists, seek medical attention.

Do not administer anything by mouth to an unconscious person.

SECTION 5 – FIRE AND EXPLOSION INFORMATION

FLASH POINT..... None.

FLAMMABLE LIMITS..... Not applicable.

AUTOIGNITION..... Not applicable.

TEMPERATURE

EXTINGUISHING MEDIA.... Foam. CO2. Dry chemical. Water fog.

SPECIAL FIREFIGHTING... Normal fire fighting procedure may be used.

PROCEDURES

UNUSUAL FIRE AND..... No special requirements. Container may burn and

EXPLOSION HAZARDS leak in heat of fire.

SECTION 6 – PREVENTIVE RELEASE MEASURES

STEPS TO BE TAKEN IN... May be toxic to aquatic life. Do not let spilled

CASE MATERIAL IS or leaking material enter watercourse. Contains

RELEASED OR SPILLED ammonia. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize.

Rinse affected area thoroughly with water.

SECTION 7 – HANDLING AND STORAGE

PRECAUTIONARY. CAUTION: Avoid contact with eyes. Avoid prolonged

INFORMATION contact with skin.

OTHER HANDLING AND..... Wash thoroughly after handling. Keep container

STORAGE CONDITIONS well closed when not in use. Store in a cool,

dry place with adequate ventilation.

SECTION 8 – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION. No special requirements under normal use conditions.

VENTILATION..... General room ventilation adequate.

PROTECTIVE GLOVES..... No special requirements under normal use conditions.

If prolonged or repeated contact is possible: Any impervious material.

EYE PROTECTION..... No special requirements under normal use conditions.

If major exposure is possible (e.g. spills):

Chemical goggles.

OTHER PROTECTIVE..... In case of spills, see Section 6.

MEASURES

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

COLOR..... Milky white
PRODUCT STATE..... Viscous liquid.
ODOR..... Mild
pH..... 7.5–9.0
ODOR THRESHOLD..... Not available.
SOLUBILITY IN WATER.... Dispersible
SPECIFIC GRAVITY..... 1.05–1.07
(H₂O=1)
VAPOR DENSITY (AIR=1). Not available.
EVAPORATION RATE (BUTYL Not available.
ACETATE=1)
VAPOR PRESSURE (mm HG). Not available.
BOILING POINT..... > 200 F (> 93 C)
FREEZING POINT..... Not available.
COEFFICIENT OF..... Not available.
WATER/OIL
PERCENT VOLATILE BY 45–55
VOLUME (%)
VOLATILE ORGANIC..... Not available.
COMPOUND (VOC)
THEORETICAL VOC..... Not available.
(LB/GAL)

SECTION 10 – STABILITY AND REACTIVITY

STABILITY..... Stable
STABILITY – CONDITIONS. None known.
TO AVOID
INCOMPATIBILITY..... None known.
HAZARDOUS DECOMPOSITION Produces normal products of combustion.
PRODUCTS
HAZARDOUS..... Will not occur.
POLYMERIZATION
HAZARDOUS..... None known.
POLYMERIZATION –
CONDITIONS TO AVOID

SECTION 11 – TOXICOLOGY INFORMATION (Also See Section 3)

LD50 (ACUTE ORAL TOX).. Estimated to be greater than 5000 mg/kg (rats).
LD50 (ACUTE DERMAL TOX) Not available.
LC50 (ACUTE INHALATION. Not applicable.
TOX)
EFFECTS OF CHRONIC..... None known.
EXPOSURE
SENSITIZATION..... None known.
CARCINOGENICITY..... None known.
REPRODUCTIVE TOXICITY.. None known.
TERATOGENICITY..... None known.
MUTAGENICITY..... None known.

SECTION 12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA..... Contains ammonia. May be toxic to aquatic life.

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... No special method. Observe all applicable Federal/
INFORMATION Provincial/State regulations and Local/ Municipal
ordinances regarding disposal of non-hazardous
materials.

SECTION 14 – TRANSPORTATION INFORMATION

US DOT INFORMATION..... Non Regulated

TDG CLASSIFICATION..... Non-regulated

PIN/NIP..... Not applicable.

PACKING GROUP..... Not applicable.

EXEMPTION NAME..... Not applicable.

SECTION 15 – REGULATORY INFORMATION

WHMIS CLASSIFICATION... Non-regulated.

All ingredients of this product are listed or are excluded from
listing on the U.S. Toxic Substances Control Act (TSCA) Chemical
Substance Inventory.

California (Proposition 65)

This product contains trace levels of a component or components known to the state of California to
cause cancer.

Components: CASRN

Ethyl acrylate 140-88-5

PA – The Pennsylvania Hazardous Substance List

NJ – The New Jersey Right to Know Hazardous Substance List

MA – The Massachusetts Hazardous Substance List

SECTION 16 – OTHER INFORMATION

ADDITIONAL INFORMATION. Not applicable.

EPA REGISTRATION #..... Not applicable.

For Additional Information:

Contact: Technical Director 201-767-6040 USA

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