1019 SE Holbrook Ct.
Port St. Lucie, FL 34952
772-335-8225 - 800-775-9474 - Fax772-335-3991
Email: soils@enviroseal.com Web: http://www.enviroseal.com

DUNNS 0-306-7852 -- SIC CODES: 3089 & 5169
DISTRIBUTORS WORLDWIDE

RoofGuard™
SAFETY DATA SHEET
(Complies with OSHA 29 CFR 1910.1200)

SECTION I – PRODUCT IDENTIFICATION

Enviroseal Product Name:
RoofGuard™
Enviroseal Corp.
1019 SE Holbrook Ct.
Port St. Lucie, FL, 34952

Revision: February 23, 2016

Emergency Phone Numbers
772-335-8225
800-775-9474

SECTION II – HAZARD IDENTIFICATION

Route(s) of Entry: Inhalation, ingestion.
Acute Exposure: None known.
Chronic Exposure: Repeated or prolonged skin contact may result in skin sensitization. Vapor may be an irritant to the respiratory tract. Ingestion may cause irritation to the gastrointestinal tract.
Carcinogenicity: Not Applicable
Signs and Symptoms of Exposure: None known
Medical Conditions Generally Aggravated By Exposure: None Known

Principal Hazardous Components:	**%**	**TLV (UNITS)**	**PRODUCT CAS No.**
Proprietary Co-Polymer:	20-35	None Established	Non Hazardous
Individual Residual Monomers	1.7	None Established	Not Required
Aqua Ammonia	<0.1		1336-21-6
Micro Biostatic Agent	<.06		50-00-0
Water:	60-85		7732-18-5

SECTION III – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

There are no hazardous components per OSHA guidelines.

SECTION IV – FIRST AID MEASURES

Eyes: Immediately flush eyes thoroughly with water. Continue flushing for at least 15 minutes including under lids. Call physician immediately.
Skin: Wash skin with cool water and pH-neutral soap or a mild detergent. Seek medical treatment if irritation or inflammation develops or persists.
Inhalation: Remove person to fresh air. Seek medical help if irritation persists.
Ingestion: Treat symptomatically and supportively. Get medical attention. DO NOT attempt to give anything by mouth to an unconscious person.

SECTION V – FIRE AND EXPLOSION HAZARD DATA

Reactivity in Water: None
NFPA Code: 000
Flash Point: None, will not burn
Extinguisher Media: Determined by surrounding materials, CO2, Foam, Dry Powder, water, spray or fog.
Special Fire Fighting Procedures: None

Flammable Limits:
(In air % by volume): Not applicable
Auto Ignition Temperature: None
Unusual Fire and Explosion Hazards: Material can splatter above 212/ 100c, Polymer film can burn
Unusual Hazards: This water based dispersion can splatter at temperatures above 212°F (100°C). Polymer film can burn once the water has evaporated.
Extinguishing Agents: Use methods appropriate for surrounding fire.
Personal Protective Equipment: For firefighting, wear self-contained breathing apparatus and full protective gear. Cool endangered containers with water.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Absorb spillages onto sand, earth, or any suitable absorbent material. Sweep up and shovel into waste drums. Wash the spillage area with water. Washings must be prevented from entering surface water drains. Polymer may be separated from water by addition of alum and ferric chloride. Disposal should be in accordance with local, state or federal regulations.
NOTE: Spilled emulsion can be slippery. Use care to avoid falls. Latex will leave a film on drying. Remove saturated clothing and wash contacted skin area with soap and water.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND STORAGE

Storage Temperature: 40°F - 100°F (4°C - 37°C)
Handling and Storage: Avoid extreme temperatures. Keep from freezing. This material should not be spilled, discharged, or flushed into sewers or public waterways. Product contains low level of organic volatiles which could accumulate in the un-vented headspace of drums or bulk storage vessels. Open drums in well-ventilated area, avoid breathing vapors.

SECTION VIII - EXPOSURE CONTROL MEASURES

Engineering Controls: Use local exhaust ventilation with a minimum capture velocity of 100ft/min. (30 m/min.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use and maintenance of exhaust systems.
Personal Protection: The use of neoprene gloves is recommended. Gloves of other chemically resistant materials may not provide adequate protection. Clothing protection should be worn. Rubber boots and apron should be worn if exposure is severe. Remove contaminated clothing and dispose of or launder before reuse.
Other Protective Equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Stability: Stabile
Conditions to Avoid: Heat in excess of 100c / 212f, and temperatures below --1c / 30f
Incompatibility: Oxidizers or Oxidizing Materials, Hazardous Thermal Decompression from Fire, Smoke, Carbon Dioxide Products and Carbon Monoxide.
Hazardous Polymerization: Will Not Occur
Conditions to Avoid: None
Appearance: Milky white liquid
Solubility in Water: Infinitely Dilatable
Viscosity: 1000 cps max.
Odor: Slight ammonia
Melting Point: ~30°F (-1°C) water
Boiling Point: ~212°F (100°C)

Volatile Organic Content (VOC): 142 Grams/Liter (as per EPA Method 24)

SECTION X - REACTIVITY DATA

Stability: This material is considered stable. Avoid temperatures above 350°F (177°C), the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.
Incompatibility (Materials to Avoid): Contact with strong oxidizing agents or strong alkalis.
Hazardous Decomposition Products: Thermal decomposition may yield acrylic monomers.
Hazardous Polymerization: Will not occur.

SECTION XI - TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation, ingestion.
Toxicity to Animals: LD50 : Not available LC50: 12,500 ppm
Chronic Effects on Humans: Not established.
Special Remarks on Toxicity: Not likely to cause harmful effects under recommended conditions of handling and use.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Not available.
BOD5 and COD: Not available.
Products of Biodegration: Not available.
Toxicity of the Products of Biodegration: Not available
Special Remarks on the Products of Biodegration: Ingress to waterways may cause persistent milky turbidity.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: For large quantities, place in settling pond and add ferric chloride and lime. Decant water. Dispose of solids in landfill. Emulsion can be incinerated directly under appropriate conditions. Disposal should be in accordance with local, state of federal regulations.
This product is not classified as a hazardous waste under the authority of the RCRA (40CFR261) or CERCLA (40CFR 117 & 302).

SECTION XIV - TRANSPORTATION INFORMATION

Non-Hazardous under U.S. DOT and TDG Regulations
Non-Hazardous under U.S. DOT and TDG Regulations
Special Shipping Information: This product is not listed as a Hazardous Material under TDG, DOT, IMDG, IATA and ADR/RID. No special precautions are needed apart from those mentioned under Section 7. PIN: Not Applicable TDG (Canada): Not regulated IMDG: Not regulated DOT (U.S.): Not regulated IATA: Not regulated ADR/RID: Not regulated
UN Number: Not listed

Transportation Classification:	**Class 55 Non HAZ-MAT**
Schedule B Number:	**3209.10.0000**
ECCN:	**EAR-99**

SECTION XV - OTHER REGULATORY INFORMATION

SARA (Title III) Section 313: Not subject to reporting requirements
TSCA (May 1997): All components are on the TSCA inventory list.
Federal Hazardous Substances Act: Is a hazardous substance subject to statues promulgated under the subject act.
Canadian Environmental Protection Act: Not listed.

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Canadian WHMIS: Considered to be a hazardous material under Hazardous Products Act as defined by the Controlled Products Regulations and subject to the requirements of Health Canada's Workplace Hazardous Material Information (WHMIS). This product has been classified according to the hazard criteria of the Controlled Products Regulation (CPR). This document complies with the WHMIS requirements of the Hazardous Products Act (HPA) and the CPR

SECTION XVI - OTHER INFORMATION

Abbreviations:

ACGIH	American Conference of Government Industrial Hygienists
CAS	Chemical Abstract Service
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act
CFR	Code of Federal Regulations
CPR	Controlled Products Regulations (Canada)
DOT	Department of Transportation
IARC	International Agency for Research
MSHA	Mine Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicity Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
RCRA	Resource Conservation and Recovery Act
SARA	Superfund Amendments and Reauthorization Act
TLV	Threshold Limit Value
TWA	Time-weighted Average
WHMIS	Workplace Hazardous Material Information System

NOTE: The information and recommendations contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Enviroseal assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of the material.

SHIPPING INFORMATION

Transportation Classification:	**Class 55 Non HAZ-MAT**
Schedule B Number:	**3209.10.0000**
ECCN:	**EAR-99**

Environmentally Safe Products
for Today's Construction Industry