# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** **Skylight Sealer**

**Product Use Description:** Roof coating

**Manufacturer:** NanoTech Materials, Inc.
21401 Park Row Drive #360
Katy, TX 77449

**Email:** info@nanotechmaterials.com

**Telephone:** 1-(888) 296-6266

## 2. HAZARDS IDENTIFICATION

**Hazard Classification:** This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**Other hazards:** No data available

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Hazard Classification**

| Weight (Percent) | Components | CAS # | Classification |
|---|---|---|---|
| >=45.0 - <=46.0% | Acrylic Polymers | | Non-hazardous |
| <0.05% | Residual Monomers | | Not available |
| 0.1 - 1% | Aqua Ammonia | 1336-21-6 | |
| >=54.0 - <=55.0% | Water | 7732-18-5 | |

The specific chemical identity and/or exact percentage of component(s) have been withheld as a trade secret.

## 4. FIRST-AID MEASURES

**Skin:**
- In case of skin contact, wash affected areas with soap and water.
- Get medical attention if irritation develops and persists.

**Eyes:**
- In case of contact, flush eyes with plenty of lukewarm water.
- Get medical attention if irritation develops or persists.

**Inhalation:** Move to fresh air

**Ingestion:**
- If ingested, do not induce vomiting unless directed to do so by medical personnel.
- Drink 1 or 2 glasses of water.
- Get medical attention if necessary.
- Never give anything by mouth to an unconscious person.

**Most important symptoms and effects, both acute and delayed:** Aside from the information found under Description of first aid measures (above) and indication of medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Use extinguishing media suitable for surrounding fire.

**Unsuitable Extinguishing Media:** No Data Available

**Fire Fighting Procedure:** Firefighters should be equipped with self-contained breathing apparatus.

**Hazardous Decomposition Products:** By Thermal Decomposition: carbon monoxide, carbon dioxide, Acrylic monomers, other potentially toxic fumes

**Unusual Fire/Explosion Hazards:** Material can splatter above 100C/212°F. Dried product can burn.

## 6. ACCIDENTAL RELEASE MEASURES

**Spill and Leak Procedures:**

- Cleanup personnel must use appropriate personal protective equipment.
- Cover spill with inert material (e. g., dry sand or earth) and collect for proper disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:**

- Avoid breathing dust, vapor, or mist.
- Avoid contact with skin or clothing.
- Avoid contact with eyes.
- Use only with adequate ventilation/personal protection.
- Wash thoroughly after handling.
- Keep container closed when not in use.
- Protect from freezing.
- STIR WELL BEFORE USE.

**Storage Period:** 12 Months

**Storage Temperature:**

- Minimum: 1 °C (33.8 °F)
- Maximum: 49 °C (120.2 °F)

**Storage Conditions:** None known

**Substances to Avoid:** None known

**Other:** Monomer vapers can be evolved when material is heated during processing operations

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control Parameters**

For substances listed in Section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

| Component | Location | Agency | Limit type |
|---|---|---|---|
| Aqua Ammonia (1336-21-6) | USA OSHA<br>USA ACGIH<br>USA ACGIH | OSHA TWA (mg/m³)<br>ACGIH TWA (mg/m³)<br>ACGIH STEL (mg/m³) | 35 mg/m3 50ppm<br>25 ppm, Ammonia<br>35 ppm, Ammonia |

**Industrial Hygiene/Ventilation Measures:** General dilution and local exhaust as necessary with a minimum capture velocity of 100ft/min at the point of vapor evolution to control airborne vapors, mists, dusts and thermal decomposition products below appropriate airborne concentration standards/guidelines.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Hand Protection:** Permeation resistant gloves.

| | |
|---|---|
| **Eye Protection:** | Safety glasses with side-shields. |
| **Skin Protection:** | Wear cloth work clothing including long pants and long-sleeved shirts. |
| **Additional Protective Measures:** | • Employees should wash their hands and face before eating, drinking, or using tobacco products.<br>• Educate and train employees in the safe use and handling of this product.<br>• Emergency showers and eye wash stations should be available. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **State of Matter:** | Liquid |
| **Color:** | Clear |
| **Odor:** | Ammonia |
| **Odor Threshold:** | No Data Available |
| **pH:** | 7.5 – 8.5 |
| **Freezing Point:** | No data available |
| **Boiling Point:** | 100 °C (212 °F) similar to water |
| **Flash Point:** | Noncombustible |
| **Evaporation Rate:** | <1.00 similar to water |
| **Lower Explosion Limit:** | Not applicable |
| **Upper Explosion Limit:** | Not applicable |
| **Vapor Pressure:** | 17.0 mmHg @ 20 °C (68 °F) similar to water |
| **Density:** | 1.00 – 1.20 |
| **Relative Vapor Density:** | <1.00 similar to water |
| **Solubility in Water:** | Dilutable |
| **Partition Coefficient: n-octanol/water:** | No Data Available |
| **Auto-ignition Temperature:** | Not applicable |
| **Decomposition Temperature:** | No Data Available |
| **Dynamic Viscosity:** | 50 – 550 mPa.s |
| **Kinematic Viscosity:** | No Data Available |
| **Percent Volatility:** | 54.0 – 55.0% similar to water |

NOTE: The physical data presented above are typical values and should not be construed as a specification.

## 10. STABILITY AND REACTIVITY

| | |
|---|---|
| **Hazardous Reactions:** | None known. Product will not undergo polymerization. |
| **Chemical Stability:** | Stable |
| **Incompatible Materials:** | None known. |
| **Hazardous Decompositions Products:** | Thermal decomposition may yield acrylic monomers. |

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

| | |
|---|---|
| **Acute oral toxicity:** | LD50, Rat, > 5,000 mg/kg |
| **Acute dermal toxicity:** | LD50, Rabbit, > 5,000 mg/kg |
| **Acute inhalation toxicity:** | Product test data not available. |
| **Skin corrosion/irritation:** | May cause transient irritation. |
| **Serious eye damage/eye irritation:** | No eye irritation |
| **Sensitization:** | Product test data not available. |
| **Specific Target Organ Systemic Toxicity (Single Exposure):** | Product test data not available. |
| **Specific Target Organ Systemic Toxicity (Repeated Exposure):** | Product test data not available. |
| **Carcinogenicity:** | Product test data not available. |
| **Teratogenicity:** | Product test data not available. |
| **Reproductive toxicity:** | Product test data not available. |
| **Mutagenicity:** | Product test data not available. |
| **Aspiration Hazard:** | Product test data not available. |

**Additional information:** No data are available for this material. The information shown is based on profiles of compositionally similar materials.

**Toxicity Data for Acrylic polymer(s)**

| | |
|---|---|
| **Acute Inhalation Toxicity:** | The LC50 has not been determined. |

**Toxicity Data for Residual monomers**

| | |
|---|---|
| **Acute Inhalation Toxicity:** | The LC50 has not been determined. |

**Toxicity Data for Aqua Ammonia**

| | |
|---|---|
| **Acute Inhalation Toxicity:** | LC50, Rat, male, 1 Hour, dust/mist, 9.850 mg/l |
| **Sensitization:** | • For skin sensitization: No relevant data found.<br>• For respiratory sensitization: No relevant data found. |
| **Specific Target Organ Systemic Toxicity (Repeated Exposure):** | Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects. |
| **Carcinogenicity:** | Did not cause cancer in laboratory animals. |
| **Teratogenicity:** | Available data are inadequate for evaluation of potential to cause fetotoxicity. |
| **Reproductive toxicity:** | Available data are inadequate to determine effects on reproduction. |
| **Mutagenicity:** | • In vitro genetic toxicity studies were negative.<br>• Animal genetic toxicity studies were negative. |
| **Aspiration Hazard:** | Based on physical properties, not likely to be an aspiration hazard. |

## 12. ECOLOGICAL INFORMATION

No data available for this material. The information shown is based on profiles of compositionally similar materials.

**Toxicity**

| | |
|---|---|
| **Acute toxicity to fish:** | LC50, Oncorhynchus mykiss (rainbow trout), 96 Hour, >CUST-RH0000000000599, OECD Test Guideline 203 or Equivalent |
| **Acute toxicity to algae/aquatic plants:** | EC50, Algae (Selenastrum capricornutum), 72 Hour, >100 ppm |
| **Toxicity to bacteria:** | Microtox, 15 Minute EC50: >300 ppm |

**Persistence and degradability**

| | |
|---|---|
| **Acrylic polymer(s):** | Biodegradability: No relevant data found. |
| **Residual monomers:** | Biodegradability: No relevant data found. |
| **Aqua ammonia:** | • Biodegradability: Material is expected to be readily biodegradable.<br>• Biodegradation may occur under aerobic conditions (in the presence of oxygen).<br>• Theoretical Oxygen Demand: 3.76 mg/mg Estimated. |
| **Bioaccumulative potential:** | Bioaccumulation: no data available |
| **Mobility in soil:** | Residual monomers: No relevant data found. |

## 13. DISPOSAL CONSIDERATIONS

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|---|---|
| **Waste Disposal Method:** | Waste disposal should be in accordance with existing federal, state and local environmental control laws. |
| **Container Precautions:** | • Recondition or dispose of empty container in accordance with governmental regulations.<br>• Do not reuse empty container without proper cleaning. |

## 14. TRANSPORT INFORMATION

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|---|---|
| **DOT:** | Not regulated for transport |
| **Classification for SEA transport (IMO-IMDG):** | Not regulated for transport |
| **Transport in bulk:** | Consult IMO regulations before transporting ocean bulk according to Annex I or II of MARPOL 73/78 and the IBC or IGC Code |
| **Classification for AIR transport (IATA/ICAO):** | Not regulated for transport |

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## 15. REGULATORY INFORMATION

**OSHA Hazard Communication Standard**
This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200).

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Sections 311 and 312**
This product is not a hazardous chemical under 29CFR 1910.1200, and therefore is not covered by Title III of SARA.

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313**
This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

**Pennsylvania**
Any material listed as “Not Hazardous” in the CAS REG NO column of SECTION 2, Composition/Information On Ingredients, of this MSDS is a trade secret under the provisions of the Pennsylvania Worker and Community Right-to-Know Act.

**United States TSCA Inventory (TSCA)**
All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

The method of hazard communication for NanoTech Materials, Inc. is comprised of Product Labels and Safety Data Sheets.

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|---|---|
| **Contact:** | NanoTech Materials, Inc. |
| **Email:** | info@nanotechmaterials.com |
| **Telephone:** | 1-(888) 296-6266 |
| **Version Date:** | 02/20/2026 |
| **SDS Version:** | 1.0 |

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