



SAFETY DATA SHEET

Last updated July 2017

REFLECT ELASTOMERIC ROOF COATING

Product Identification

Product Name: NanoTech Reflect Elastomeric Roof Coating

Composition

Ingredient	Concentration	C.A.S. Number	ACGIH TLV	OSHA PEL
Water	31%	7732-18-5	N/A	N/A
Acrylic Polymers	19%	Non-Hazardous	N/A	N/A
Proprietary Nano Ingredients	28%	Non-Hazardous	N/A	N/A
Proprietary Ingredients	0.6%	25265-77-4	N/A	N/A
Propylene Glycol	2%	57-55-6	N/A	N/A
Ammonia	0.1% Max	7664-41-7	25ppm	N/A

Chemical and Physical Properties

Appearance:	White Liquid	V.O.C.	76 g/l (0.64 lb/gal)
Color:	White	Vapor Density:	Heavier than air
State:	Liquid	Melting Point:	0° C / 32° F Water
pH:	8.0 - 8.5	Solubility in Water:	Dilutable
Viscosity:	8000-12000 cps	Percent Volatile: Volume	35%
Specific Gravity:	1.44	Evaporation Rate:	Less than water
Material VOC:	41 g/l (0.34 lb/gal)	Flash Point:	Greater than 200° F



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Flammability and Explosive Properties

Flash Point: N/A

Recommended Extinguishing Agents: Use water fog, foam, dry chemical or CO₂

Unusual Fire or Explosion Hazards: None

Compressed Gasses: None

Pressure at Room Temp: N.A.

Reactivity Data

Stability: This material is considered stable. However, avoid temperatures above 177° C / 350° F, the onset of polymer decomposition. Thermal decomposition is dependent on time and temperature.

Hazardous Polymerization: Will Not Occur

Hazardous Decomposition Products: None

Spill or Leak Procedures

Dike area to prevent spreading. Absorb with inert material (dry sand, or earth) then place in a chemical container. Flush area with water to remove trace residue.

Storage and Handling Procedures

Storage: Store in a cool dry place. Protect from freezing - the material may coagulate.

Minimum storage temperature: 1°C / 34°F

Maximum storage temperature: 49°C / 120°F

Handling: Containers, even those that have been emptied, can contain product residues. Do not use these containers for storing food or drinking water. Wash hands with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of reach of children.

Shipping Regulations

DOT Classification: Not Regulated

Proper DOT Shipping Name: Adhesive Liquid

UN/NA Code - Class 55

Emergency Treatment Procedures

Eye Irritation: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Skin Contact: In case of skin contact, wash thoroughly with soap and water. Remove contaminated clothing and shoes.

Inhalation: If inhaled, move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Ingestion: If accidentally swallowed, do not induce vomiting. Give two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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Personal Protection

Respiratory: Inhalation of vapor or mist can cause the following: headache, nausea, irritation of nose, throat and lungs.

Skin: Avoid skin contact. Individuals with sensitive skin conditions should wear gloves, outer clothing or apron, overshoes and a face - shield suitable for potential exposure.

Eyes: Avoid getting in eyes. Wear chemical goggles if there is potential contact with eyes. Eye wash fountains and safety showers should be available for emergency use.

Exposure Limits

N/A

Health Hazard Data

Potential Routes of Entry: Skin, eyes, inhalation.

Symptoms of Overexposure: This product does not pose any harmful effects when used under normal conditions.

Regulatory Information

Sara Listed Ingredients: Proprietary Palomar, Water

TSCA Inventory: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory

STATE RIGHT-TO-KNOW

CALIFORNIA Proposition 65

This product does not contain materials which the State of California has found to cause cancer, birth defects, or other reproductive harm.

OTHER REGULATORY INFORMATION:

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

ABBREVIATIONS:

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
NTP	National Testing Program
IARC	International Agency for Research on Cancer
NFPA	National Fire Protection Association
HMIS	Hazardous Materials Identification System
--	No Data / Not Available
N.A.	Not Applicable

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DISPOSAL

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

IMPORTANT LIABILITY DISCLAIMER

The information contained in this Material Safety Data Sheet (MSDS) is believed to be correct as it was obtained from sources we believe are reliable. However, no representations, guarantees or warranties of any kind are made as to its accuracy, suitability for particular applications, hazards connected with the use of the material, or the results to be obtained from the use thereof. User assumes all risks and liability of any use, processing or handling of any material, variations in methods, conditions and equipment used to store, handle or process the material and hazards connected with the use of the material are solely the responsibility of the user and remain at his sole discretion. Compliance with all applicable federal, state, and local laws and regulations remains the responsibility of the user, and the user has the responsibility to provide a safe work place, to examine all aspects of its operation and to determine if or where precautions, in addition to those described herein, are required.