



NanoSeal Safety Data Sheet

Section 1 - Identification

Product Name: NanoSeal
Product Discription: Concrete Sealer
Recommended Use: Sealing Concrete
Restriction on Use: For Concrete Use only
Manufacturer Information: Trinic LLC
Address: 522 Cascade Valley Road
Windsor, New York, 13865
Contact Number: 1-800-475-1975 (US Only) / 607-655-1517 (Direct)
Emergency Contact Number: Chemtrec - 703-741-5500

Section 2 - Hazard(s) Identification

Health: 1
Flammibility: 1
Reactivity: 0
Personal Protective Equipment:
Inhalation: If material is misted or if vapors are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components or similar materials. May cause gastrointestinal irritation. Ammonia, although contained in minute concentration, must be noted as toxic by ingestion
Ingestion: Brief contact is not irritating. Prolonged contact, as from clothing wet with material, may cause irritation.
Skin Contact: May cause eye irritation. Vapors may cause irritation.
Eye Contact: Overexposure to vapors or mist may cause dizziness, headache, nausea and/or flu-like symptoms
Acute Health Hazards:
Chronic Health Hazards:
Medical Conditions Generally Aggravated By Exposure:
Carcinogenicity:

Section 3 - Composition / Information on Ingredients with Health Hazards

| Material | % | CAS No. |
|--------------------------------------|-------|--------------|
| Self-crosslinking nano copolymer | 25-35 | Trade Secret |
| Amonia | <1 | 7664-41-7 |
| Surfactants, Defoamers, Plasticisers | <5 | Trade Secret |
| Mixed Glycol Ethers | 3 | Trade Secret |
| Water | 56-66 | 7732-18-5 |

Section 4 - First Aid Measures

Inhalation: Removed exposed person to fresh air if adverse effects are observed
Ingestion: Treat symptomatically
Skin Contact: Wash with soap and water
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so.

Section 5 - Fire Fighting Measures

Flammable Properties: Flammable once all water has evaporated
Suitable Extinguishing Media: Use water spray, foam, or dry chemical
Unsuitable Extinguishing Media: CO2 may be ineffective on large fires.
Precautions for Fire Fighters: Wear full protective firegear including self-contained breathing apparatus operated in a positive pressure mode with full facepiece, coat, pants, gloves and boots.
Specific Hazards Arising From the Chemical: None known

Section 6 - Accidental Release Measures

Personal Precautions: avoid contact
Environmental Precautions:
Methods for Containment: stop spill at the source
Methods for Clean Up: pump liquid to salvage container, pick up the rest with absorbent material

Section 7 - Handling and Storage

Handling: Prevent all skin and eye contact. Avoid breathing vapors

Storage: Store away from heat, keep containers tightly sealed

Section 8 - Exposure Controls / Personal Protection

Exposure Limits:

Engineering Controls:
Skin Protection: gloves
Eye Protection: Safety glasses
Respiratory Protection: none required

Section 9 - Physical And Chemical

Appearance: White
Physical State: liquid
Odor: Slight Acrylate Odor
Odor Threshold:
pH: 7.9-8.6

Melting Point:
Freezing Point: 32°F
Initial Boiling Point: ≈212°F
Boiling Range:
Flash Point:
Evaporation Rate: <1
Flammability:
Upper/Lower Flammability or
Explosive Limits:

Vapor Pressure: @20°C - 18 mm/hg
Vapor Density: <1
Relative Density: 1.06
Solubility(ies): Complete
Partition Coefficient
Auto-Ignition Temperature:
Decomposition Temperature:
V.O.C. (g/l) 95, no petroleum distillates, no CFC's
Viscosity:

Section 10 - Stability and Reactivity

Reactivity: Stable under normal conditions
Chemical Stability: stable
none
Possibility of Hazardous Reactions:
Conditions to Avoid: none
Incompatible Materials: Acids, bases, strong oxidizing agents.
Under combustion conditions, oxides of nitrogen will be formed.
Irritating and toxic
substances may be emitted upon combustion, burning or
decomposition of dry solids.
Hazardous Decomposition
Products: Nitrogen oxides. Acrylate monomers.

Section 11 - Toxicological Information

Likely Routes of Exposure: skin contact,
Symptoms Related to the Physical, slight irritation possible
Chemical, and Toxicological
Characteristics:
Delayed and Immediate Effects:
Chronic Effects, Short and Long
Term Exposure:
Numerical Measures of Acute Toxicity:

Carcinogenic: not carcinogenic

Section 12 - Ecological Information (Non-Mandatory)

Ecotoxicity: Information is given Based on Data of the componets and the Toxicology of Similar Products

Persistence and Degradability:

Mobility in Soil:

Bioaccumulative Potential:

Other Adverse Effects:

Section 13 - Disposal Considerations (Non-Mandatory)

Dispose of or incinerate in accordance with appropriate federal, state and local

Section 14 - Transport Information (Non-Mandatory)

UN Number:

UN Proper Shipping Name:

Transport Hazard Class:

Packing Group:

Environmental Hazards:

Transport in Bulk:

Special Precautions:

Section 15 - Regulatory Information (Non-Mandatory)

Section 16 - Other Information, Including Date of Preperation or Last Revision

Preparation Date : 3/28/15

Revision Date : 9/10/15

Revision Summary : SDS Requirements

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