# SAFETY DATA SHEET

**Issue Date** 08/21/15 SDS# 987

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**
**Product Name** SuperThane

**Other Means of Identification**
**SDS #** 987

**Recommended Use of the Chemical and Restrictions on Use**
**Recommended Use** Floor Coating

**Details of the Supplier of the Safety Data Sheet**
**Supplier Address**
Wayne Concept
5005 Speedway Dr.
Fort Wayne, IN 46825
Phone: (260)482-8615

**Emergency Telephone Number**
**Emergency Telephone** 800-535-5053 Infotrac

## 2. HAZARDS IDENTIFICATION

**Classification**

| | |
|---|---|
| Serious Eye Damage/Eye Irritation | Category 2B |
| Skin corrosion/irritation | Category 2 |
| STOT – Repeated Exposure | Category 2 |
| Hazardous to the aquatic environment - Acute | Category 3 |

**Signal Word**
**Warning** **Physical State** Liquid

**Hazard Statements**
Harmful if swallowed
Causes mild skin irritation
Causes eye irritation
May cause damage to organs through prolonged or repeated exposure
Harmful to aquatic life

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe mist or spray
Avoid release to the environment

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Get medical attention if irritation occurs. If eye irritation persists: Get medical attention.
IF ON SKIN: Wash with plenty of sap and water. If skin irritation occurs: Get medical advice/attention.
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
Get medical attention if you feel unwell
Take off contaminated clothing and wash before reuse

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other Hazards**

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---|---|---|
| Acrylic Polymer | Proprietary | 50-60 |
| Urethane Polymer | Proprietary | 10-20 |
| Di(ethylene glycol) ethyl ether | 111-90-0 | 1-5 |
| Tributoxyethyl phosphate | 78-51-3 | 1-5 |
| N-Methylpyrrolidone | 872-50-4 | 1-5 |
| Isopropanol | 67-63-0 | 1-5 |
| Dipropylene Glycol Monomethyl Ether (DPM) | 34590-94-8 | 1-5 |

## 4. FIRST AID MEASURES

**First Aid Measures**

**Inhalation** — Remove to fresh air. If symptoms persist, call a physician.

**Eye Contact** — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

**Ingestion** — Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin Contact** — Wash with plenty of water. If skin irritation persists, call a physician.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms** — May cause eye irritation with reddening and watering. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians** — Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**
Non-flammable.

**Protective Equipment and Precautions for Firefighters**
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protective equipment as required.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Keep in suitable, closed containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

**Conditions for Safe Storage, Including any Incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Materials** Strong acids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:**

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|---|---|---|---|
| Diethylene Glycol Monoethyl Ether<br>111-90-0 | TWA: 25 ppm | - | - |
| Isopropanol<br><br>67-63-0 | TWA: 200 ppm | 980 mg/M3 400 ppm | - |
| Dipropylene Glycol Monomethyl Ether (DPM)<br>34590-94-8 | STEL: 150 ppm<br>TWA: 100 ppm<br>S* | TWA: 100 ppm<br>TWA: 600 mg/m$^3$<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 600 mg/m$^3$<br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 900 mg/m$^3$<br>(vacated) S*<br>S* | IDLH: 600 ppm<br>TWA: 100 ppm<br>TWA: 600 mg/m$^3$<br>STEL: 150 ppm<br>STEL: 900 mg/m$^3$ |

**Appropriate Engineering Controls**

**Engineering Controls** Provide adequate ventilation. Eyewash stations.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Wear approved safety goggles where a splash hazard exists.

**Skin and Body Protection** Wear suitable protective clothing.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on Basic Physical and Chemical Properties**

| | | | |
|---|---|---|---|
| **Physical State** | Liquid | | |
| **Appearance** | White Liquid | **Odor** | Not determined |
| **Color** | White | **Odor Threshold** | Not determined |

| Property | Values | Remarks • Method |
|---|---|---|
| **pH** | 8.8 +- 0.5 | |
| **Melting Point/Freezing Point** | 0°C Water | |
| **Boiling Point/Boiling Range** | 100° C Water | |
| **Flash Point** | Non-flammable | |

| Property | Values | Remarks • Method |
|---|---|---|
| **Evaporation Rate** | <1 Water | |
| **Flammability (Solid, Gas)** | n/a-liquid | |
| **Upper Flammability Limits** | Not determined | |
| **Lower Flammability Limit** | Not determined | |
| **Vapor Pressure** | 17 mmHg @ 21°C | |
| **Vapor Density** | <1 Water | |
| **Specific Gravity** | 1.055 | |
| **Water Solubility** | Soluble in water | |
| **Solubility in Other Solvents** | Not determined | |
| **Partition Coefficient** | Not determined | |
| **Autoignition Temperature** | Not determined | |
| **Decomposition Temperature** | Not determined | |
| **Kinematic Viscosity** | Not determined | |
| **Dynamic Viscosity** | Not determined | |
| **Explosive Properties** | Not an explosive | |
| **Oxidizing Properties** | Not determined | |

## 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
None under normal processing.

**Conditions to Avoid**
Keep out of reach of children.

**Incompatible Materials**
Strong acids.

**Hazardous Decomposition Products**
None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure**

**Product Information**

**Inhalation** Avoid breathing vapors or mists.

**Eye Contact** Causes eye irritation

**Skin Contact** Avoid contact with skin.

**Ingestion** Harmful if swallowed.

**Component Information**

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Di(ethylene glycol) ethyl ether 111-90-0 | = 1920 mg/kg ( Rat ) | = 4200 µL/kg ( Rabbit ) = 6 mL/kg ( Rat ) | > 5240 mg/m$^3$ ( Rat ) 4 h |
| N-Methylpyrrolidone 8725-50-4 | = 4150 mg/kg ( Rat ) | >5000 mg/kg ( Rat ) | > 5.1 mg/l ( Rat ) 4 h |
| Acrylic Polymer | > 5000 mg/kg ( Rat ) | - | - |
| tributoxyethyl phosphate 78-51-3 | = 3000 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit ) | > 6.4 mg/L ( Rat ) 4 h |
| Isopropanol | = 5840 mg/Kg (Rat) | > 12800 mg/Kg (Rabbit) | > 10000 ppm, 6h, Vapor rat |

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity** N-Methyl Pyrrolidone produced liver tumors and kidney effects in test animals.

**Numerical Measures of Toxicity**
Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
There is no data available for this product as a whole.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to Microorganisms | Crustacea |
|---|---|---|---|---|
| Isopropanol<br>67-63-0 | ErC50 green algae, static test, growth rate inhibition, 72 h: >1000 mg/L | LC50 fathead minnow, flow-through test, 96h: 9640 mg/L | - | LC50 water flea, immobilization, 24 h: >1000 mg/L |
| Di(ethylene glycol) ethyl ether<br>111-90-0 | | 11400 - 15700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 11600 - 16700: 96 h Pimephales promelas mg/L LC50 flow-through 10000: 96 h Lepomis macrochirus mg/L LC50 static 19100 - 23900: 96 h Lepomis macrochirus mg/L LC50 flow-through 13400: 96 h Salmo gairdneri mg/L LC50 flow-through | | 3940 - 4670: 48 h Daphnia magna mg/L EC50 |
| Dipropylene Glycol Monomethyl Ether (DPM)<br>34590-94-8 | | 10000: 96 h Pimephales promelas mg/L LC50 static | | 1919: 48 h Daphnia magna mg/L LC50 |
| N-Methylpyrrolidone<br>8725-50-4 | ErC50 green algae, static test, growth rate inhibition, 72 h: >500 mg/L | LC50 Salo gairdneri, Static test, 96h: >500 mg/L | Activated sludge, EC50 (0.5h): >600 mg/l | - |
| Tributoxyethyl phosphate<br>78-51-3 | | 10.4 - 12.0: 96 h Pimephales promelas mg/L LC50 flow-through | | |

**Persistence and Degradability**
Not determined

**Bioaccumulation**
Not determined

**Mobility**

| Chemical Name | Partition Coefficient |
|---|---|
| Isopropanol 67-63-0 | 1.1 |
| Di(ethylene glycol) ethyl ether<br>111-90-0 | -0.8 |
| Tributoxyethyl phosphate<br>78-51-3 | 4.78 |
| Dipropylene Glycol Monomethyl Ether (DPM)<br>34590-94-8 | -0.064 |

**Other Adverse Effects**
Not determined

## 13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

**International Inventories**

Not Determined

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical Name | CAS No | Weight-% | SARA 313 - Threshold Values % |
|---|---|---|---|
| Di(ethylene glycol) ethyl ether | 111-90-0 | 1-5 | 1.0 |
| N-Methyllpyrrolidone | 872-50-4 | 1-5 | 1.0 |
| Isopropanol | 67-63-0 | 1-5 | 1.0 |

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**US State Regulations**

**California Proposition 65**

| Chemical Name | California Proposition 65 |
|---|---|
| N-Methylpyrrolidone- 872-50-4 | Carcinogen |

**U.S. State Right-to-Know Regulations**

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|---|---|---|
| Di(ethylene glycol) ethyl ether 111-90-0 | X | | X |
| Dipropylene Glycol Monomethyl Ether (DPM) | X | X | X |
| N-Methyllpyrrolidone | X | X | X |
| Isopropanol | X | X | X |

## 16. OTHER INFORMATION

| | | | | |
|---|---|---|---|---|
| **NFPA** | **Health Hazards** | **Flammability** | **Instability** | **Special Hazards** |
| | 1 | 0 | 0 | None Known |
| **HMIS** | **Health Hazards** | **Flammability** | **Physical Hazards** | **Personal Protection** |
| | *1 | 0 | 0 | B |

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**Revision Note** New format

**Disclaimer**

**The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**

**End of Safety Data Sheet**