



# SAFETY DATA SHEET

**Creation Date**  
07-Feb-2023

**Revision Date**  
13-Jun-2023

**Version**  
2

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Natural-Therm® 0.5

**Synonyms** Natural Therm LD Open Cell B formulation  
Natural Therm 0.5 Open Cell (0.5 PCF) Spray Foam Insulation

**Product Code** OCNP00013

**Manufacturer Address** Natural Polymers, LLC , a subsidiary of Owens Corning  
14438 E North Ave  
Cortland, IL 60112

**Company Phone Number** 1-800-GET-PINK or 1-800-438-7465  
**24 Hour Emergency Phone Number** Chemtrec 1-800-424-9300 or 1-703-741-5970 CCN17393  
**Emergency Telephone** 1-419-248-5330 (after 5 pm ET and weekends)

## 2. HAZARDS IDENTIFICATION

**OSHA Regulatory Status** This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 4
Acute toxicity - Inhalation (Gases)	Category 4
Serious eye damage/eye irritation	Category 1

### Label elements

#### Danger

#### Hazard statements

Harmful if swallowed  
Harmful if inhaled  
Causes serious eye damage



#### Eyes

• IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

#### Inhalation

• Immediately call a POISON CENTER or doctor/physician  
• IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

#### Ingestion

• Call a POISON CENTER or doctor/physician if you feel unwell  
• IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

- Rinse mouth

**Precautionary Statements - Disposal** • Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)** • Not applicable

**Unknown acute toxicity** • 79.4% of the mixture consists of ingredient(s) of unknown toxicity

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Product Components

Chemical name	CAS No.	Weight-%	Trade Secret
TCPP	13674-84-5	15-25	*
Surfactant	Proprietary	10-15	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### Description of First Aid Measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>Eye contact</b>	<ul style="list-style-type: none"> <li>• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes</li> <li>• Remove contact lenses, if present and easy to do. Continue rinsing</li> <li>• Protect uninjured eye.</li> <li>• Seek immediate medical attention, preferably from an ophthalmologist.</li> </ul>
<b>Skin contact</b>	<ul style="list-style-type: none"> <li>• Remove contaminated clothing and shoes</li> <li>• Rinse skin with copious amounts of water [shower] for several minutes.</li> <li>• Wash contaminated clothing before reuse</li> <li>• Get medical attention if irritation develops and persists</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>• IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing</li> <li>• If breathing is difficult, give oxygen</li> <li>• If breathing has stopped, give artificial respiration. Get medical attention immediately</li> <li>• (Get medical attention immediately if symptoms occur.)</li> </ul>
<b>Ingestion</b>	<ul style="list-style-type: none"> <li>• If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center.</li> <li>• Rinse mouth with water (only if the person is conscious)</li> <li>• Stop if the exposed person feels sick as vomiting may be dangerous.</li> <li>• (Get medical attention immediately if symptoms occur.)</li> </ul>
<b>Most important symptoms and effects, both acute and delayed</b>	<ul style="list-style-type: none"> <li>• Skin contact may result in redness, pain, burning, and inflammation.</li> <li>• Eye contact may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision.</li> <li>• Effects are dependent on exposure (dose, concentration, contact time).</li> </ul>
<b>Note to physicians</b>	<ul style="list-style-type: none"> <li>• Treat symptomatically</li> </ul>

### 5. FIRE-FIGHTING MEASURES

<b>Suitable extinguishing media</b>	<ul style="list-style-type: none"> <li>• Water spray (fog)</li> <li>• Carbon dioxide (CO2)</li> <li>• Dry chemical</li> <li>• Alcohol resistant foam</li> </ul>
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<b>Unsuitable extinguishing media</b>	<ul style="list-style-type: none"> <li>• DO NOT use water jet, it may spread the fire.</li> </ul>
<b>Specific hazards arising from the chemical</b>	<ul style="list-style-type: none"> <li>• Thermal decomposition can lead to release of irritating and toxic fumes and gases.</li> <li>• Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes</li> </ul>
<b>Explosion data</b>	
<b>Sensitivity to Mechanical Impact</b>	• No
<b>Sensitivity to Static Discharge</b>	• No
<b>Protective equipment and precautions for firefighters</b>	<ul style="list-style-type: none"> <li>• As in any fire, wear self-contained breathing apparatus (SCBA) in positive pressure mode and full fire-fighting protective gear.</li> <li>• Avoid breathing dust/fume/gas/mist/vapors/spray</li> <li>• Move containers from fire area if you can do it without risk</li> <li>• Cool containers with flooding quantities of water until well after fire is out</li> <li>• Avoid unnecessary run-off of extinguishing media which may cause pollution.</li> </ul>

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

<b>Personal precautions</b>	<ul style="list-style-type: none"> <li>• Evacuate personnel to safe areas</li> <li>• Ventilate affected area</li> <li>• Remove all sources of ignition</li> <li>• Use personal protections recommended in Section 8</li> <li>• Avoid contact with skin, eyes or clothing</li> <li>• Avoid breathing dust/fume/gas/mist/vapors/spray</li> <li>• DO NOT walk through spilled material.</li> <li>• Wash thoroughly after handling</li> </ul>
<b>Environmental precautions</b>	<ul style="list-style-type: none"> <li>• Prevent further leakage or spillage if safe to do so</li> <li>• Prevent from reaching drains, sewers and waterways.</li> <li>• Discharge into the environment must be avoided.</li> </ul>

### Methods and material for containment and cleaning up

<b>Methods for containment</b>	<ul style="list-style-type: none"> <li>• Do not touch damaged containers or spilled material unless wearing appropriate protective clothing</li> <li>• Perform without risk.</li> <li>• Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal.</li> </ul>
<b>Methods for cleaning up</b>	<ul style="list-style-type: none"> <li>• Clean and neutralize spill area, tools and equipment by washing with water and soap.</li> <li>• Absorb, restate and add to the collected waste.</li> <li>• Waste must be classified and labeled prior to recycling or disposal.</li> <li>• Dispose of waste as indicated in Section 13.</li> </ul>

## 7. HANDLING AND STORAGE

<b>Precautions for safe handling</b>	<ul style="list-style-type: none"> <li>• Use personal protections recommended in Section 8</li> <li>• Provide adequate ventilation</li> <li>• Do not taste or swallow.</li> <li>• Avoid contact with skin, eyes or clothing</li> <li>• Avoid breathing mist/vapor/spray.</li> <li>• When using, do not eat, drink or smoke.</li> <li>• Wash hands, forearms and face after handling.</li> </ul>
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	<ul style="list-style-type: none"> <li>• Keep containers tightly closed in a dry, cool and well-ventilated place</li> <li>• Protect from direct sunlight</li> <li>• Keep away from food and beverages.</li> <li>• Protect from freezing and physical damage.</li> <li>• Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity)</li> <li>• Do not store near incompatible materials (see Section 10)</li> </ul>
<b>Incompatible materials</b>	<ul style="list-style-type: none"> <li>• Strong acids</li> </ul>

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Engineering Controls.** Showers  
Eyewash stations  
Ventilation systems  
Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

**Individual protection measures, such as personal protective equipment**

<b>Eye/face protection</b>	<ul style="list-style-type: none"> <li>• Wear safety glasses with side shields (or goggles)</li> <li>• Wear face shield if splash hazard exist</li> <li>• Ensure compliance with OSHA's PPE standard(29 CFR 1910.132 and .133) for eye and face protection.</li> </ul>
<b>Skin and body protection</b>	<ul style="list-style-type: none"> <li>• The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</li> <li>• Gloves must be inspected prior to and during the use.</li> <li>• It should be noted that the time to breakthrough for any glove material may be different for different glove manufactures. Protection time for the mixtures may not be accurately estimated.</li> <li>• Avoid contact with used gloves.</li> <li>• Remove contaminated clothing and used gloves properly to avoid any skin contact.</li> <li>• Full body protection shall be worn. PPE selection should be based on the task being performed and risks involved. Approval by a specialist before handling is necessary.</li> <li>• National standards for the PPEs associated with using this product shall be met.</li> </ul>
<b>Respiratory protection</b>	<ul style="list-style-type: none"> <li>• If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations</li> </ul>
<b>General Hygiene Considerations</b>	<ul style="list-style-type: none"> <li>• Do not eat, drink or smoke when using this product</li> <li>• Wash hands after handling, before breaks, and at the end of the workday.</li> <li>• Avoid contact with skin, eyes or clothing</li> <li>• Wash contaminated clothing before reuse</li> <li>• Perform routine housekeeping.</li> </ul>

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid

<b>Odor</b>	Aromatic
<b>Color</b>	Yellow
<b>pH value</b>	7.0-9.0
<b>Melting point / freezing point</b>	No data available
<b>Boiling point / boiling range</b>	No data available
<b>Flash point</b>	> 200 °F
<b>Evaporation rate</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	150-250 cP at 77 °F (25°C) (Kinematic viscosity)
<b>Specific Gravity</b>	1.08-1.12 g/cc

**10. STABILITY AND REACTIVITY**

- Reactivity** • Not reactive under recommended handling and storage conditions.
- Chemical stability** • Stable under recommended handling and storage conditions.
- Possibility of Hazardous Reactions** • No hazardous decomposition under normal conditions of storage and use
- Conditions to avoid** • Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.
- Incompatible materials** • Strong acids
- Hazardous Decomposition Products** • None under normal use conditions

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**  
**Product Information** No data available

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
TCPP 13674-84-5	= 1500 mg/kg ( Rat )	> 5000 mg/kg ( Rabbit )	> 5.05 mg/L ( Rat ) 4 h
Polyether Polyol #1	> 10 g/kg ( Rat )	-	-
Surfactant	= 1310 mg/kg ( Rat )	-	-
Polyether Polyol #3	= 2830 µL/kg ( Rat ) > 64 mL/kg ( Rat )	> 2000 mg/kg ( Rat )	-
Polyethylene Glycol	= 22 g/kg ( Rat )	> 20 g/kg ( Rabbit )	-

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

## 12. ECOLOGICAL INFORMATION

Chemical name	Algae/aquatic plants	Fish	Crustacea
TCPP 13674-84-5	45: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 4: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50	56.2: 96 h <i>Brachydanio rerio</i> mg/L LC50 static 98: 96 h <i>Pimephales</i> <i>promelas</i> mg/L LC50 static 30: 96 h <i>Poecilia reticulata</i> mg/L LC50 static	63: 48 h <i>Daphnia magna</i> mg/L EC50

**Persistence and degradability** Formulation data is not available.

**Bioaccumulation** Formulation data is not available.

Chemical name	Partition coefficient
TCPP 13674-84-5	2.68
Surfactant	5.669
Reactive amine catalyst	-0.584
1,1,3,3-Tetramethylguanidine 80-70-6	-0.49

**Other adverse effects** No information available

## 13. DISPOSAL CONSIDERATIONS

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

**Contaminated packaging** Do not reuse container

## 14. TRANSPORT INFORMATION

**Note:** • Not regulated.

**DOT** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
TCPP 13674-84-5	X	X		X		X	X	X	X	X
Surfactant	X	X				X	X	X	X	X

### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

## US Federal Regulations

### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	SARA 313 - Threshold Values %
Surfactant -	1.0

### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

## US State Regulations

### California Proposition 65

This product does not contain any Proposition 65 chemicals.

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

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

**Creation Date** 07-Feb-2023  
**Revision Date** 13-Jun-2023  
**Revision Note** No information available

### Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

**End of Safety Data Sheet**