



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY INFORMATION

Product Name(s): NoZwet
Product Code(s): Not available.
Uses: Anti-condensation coating that controls and eliminates condensation build up on ceilings, roofs and other surfaces subject to condensation.
Company: HYDROSEAL CHANGSHA LLC.
Address: NO.98 LiXiang Road, ChangSha Development, Hunan
Telephone Number: (0731)84067532 Fax Number: (0731)84067531
Emergency Telephone Number: Not available.
Date Issued: April 13, 2016 Date Revised: April 13, 2016

This SDS complies with the OSHA Hazard Communication Standard 29CFR1910.1200 as revised in May 2012 (GHS). It may not meet requirements in other countries.

SECTION 2 HAZARDS IDENTIFICATION

GHS Classification: **WARNING**
Eye Irritation (Category 2B) Skin
Sensitization (Category 1)
Aquatic Chronic Toxicity (Category 3)



GHS Hazard Statements: Causes eye irritation
May cause an allergic skin reaction
Harmful to aquatic life with long lasting effects

GHS Precautionary Statements: Prevention:
Wash hands/skin thoroughly after handling.
Wear protective gloves.
Avoid breathing mist/vapors/spray.
Contaminated work clothing must not be allowed out of the workplace.
Avoid release to the environment.

Response:
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of water/soap.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
Collect spillage.

Storage:
None.

Disposal:
Dispose of contents/container in accordance with local/regional/national/international

SECTION 2 HAZARDS IDENTIFICATION

regulations.

Hazards Not
Otherwise
Classified: None.

GHS
Assessment: Approximately 7% of this mixture consists of ingredient(s) of unknown acute toxicity.
Approximately 28% of the mixture consists of ingredient(s) of unknown hazards to the aquatic environment.

SECTION 3 COMPOSITION / INGREDIENTS

| Component | CAS Number | EC Number | Concentration |
|-------------------------------|-------------|-----------|---------------|
| Water | 7732-18-5 | 231-791-2 | 60.0 - 75.0% |
| Acrylic polymer(s) | Proprietary | --- | 5.0 - 15.0% |
| Perlite | 93763-70-3 | 618-970-4 | 5.0 - 15.0% |
| Titanium dioxide | 13463-67-7 | 236-675-5 | 1.0 - 5.0% |
| Octyl-2H-isothiazol-3-one, 2- | 26530-20-1 | 247-761-7 | 0.1 - 0.3% |

Trade Secret Claims: Specific chemical identity and/or exact percentage (concentration) of components has been withheld as a trade secret.

SECTION 4 FIRST AID MEASURES

First Aid - Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention, if irritation develops.

First Aid - Skin: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately if irritation or rash develops and/or persists. Wash contaminated clothing before reuse.

First Aid - Ingestion: If swallowed and feel unwell, call a physician or poison control center. DO NOT induce vomiting unless directed to do so by a physician or poison control center. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person.

First Aid - Inhalation: If respiratory symptoms or other symptoms of exposure develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek immediate medical attention. If victim is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.

Important Symptoms / Tissue inflammation, rash.
Effects – Acute and
Delayed:

Advice to Physician: Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media: Treat surrounding material. Water spray, dry chemical, carbon dioxide, or foam is recommended. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.

Specific Hazards: This product is not flammable. This product may give rise to hazardous vapors in a fire. Vapors/fumes may be irritating, corrosive and/or toxic.

SECTION 5 FIRE FIGHTING MEASURES

Protective equipment and procedures for fire-fighters: Wear full protective clothing and self-contained breathing apparatus.

Additional Advice: None.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Spill Procedures: Wipe up spills with an absorbent towel/material and transfer into suitable containers for recovery or disposal. Finally flush area with water.

Personal Precautions: Wear suitable protective clothing and equipment.

Environmental Precautions: Prevent the material from entering drains or water courses. Do not discharge directly to a water source. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation.

SECTION 7 HANDLING AND STORAGE

Handling: Wear appropriate personal protection (See Section 8) when handling this material. The work area should be equipped with a safety shower and eye wash station. If exposed to the liquid, avoid contact with skin and eyes. Wash thoroughly after handling. Avoid breathing mist or vapor. Use in a well-ventilated area.

Storage: Keep container(s) tightly closed. Use and store this material at temperatures below 30°C (86°F) away from heat, direct sunlight, and hot metal surfaces. Do not freeze. Keep away from any incompatible materials (see Section 10).

Additional Advice: Store in original container. Store as directed by the manufacturer.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure Standards: Exposure limits are listed below, if they exist.

Water: None.

Acrylic polymer(s): None.

Perlite: ACGIH TLV: 10 mg/m³ TWA.
ACGIH TLV-NIC: 5 mg/m³ TWA (respirable fraction).
NIOSH REL: 5 mg/m³ TWA (respirable fraction).
NIOSH REL: 10 mg/m³ TWA (total dust).
OSHA PEL: 5 mg/m³ TWA (respirable fraction).
OSHA PEL: 10 mg/m³ TWA (total dust).

Titanium dioxide: ACGIH TLV: 3 mg/m³ TWA (respirable).
ACGIH TLV: 10 mg/m³ TWA (inhalable).
OSHA PEL: 15 mg/m³ TWA (total dust).

Octyl-2H-isothiazol-3-one, 2-: None.

Engineering Control Measures: Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (local exhaust), and control of process conditions.

Respiratory Protection: A NIOSH certified self-contained breathing apparatus or air purifying respirator may be used under conditions where airborne concentrations are expected to exceed exposure limits.

Hand Protection: The use of gloves impervious to the specific material handled is advised to prevent skin contact, possible irritation and skin damage (see glove manufacturer literature for information on permeability).

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

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| Eye Protection: | Approved eye protection (safety glasses with side-shields or goggles) to safeguard against potential eye contact, irritation, or injury is recommended. Depending on conditions of use, a face shield may be necessary. |
| Body Protection: | Impervious clothing should be worn as needed to prevent skin contact. |

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State: | Viscous paste |
| Color: | White to off-white |
| Odor: | Slightly sweet |
| Odor Threshold: | Not available. |
| pH: | 7 - 9 |
| Melting Point/Range (°C/°F): | 0°C / 32°F (water) |
| Boiling Point/Range (°C/°F): | 100°C / 212°F (water) |
| Flash Point (PMCC) (°C/°F): | > 94°C / 201.2°F |
| Evaporation Rate: | Not available. |
| Flammability / Explosivity Limits in Air (%): | Not available. |
| Vapor Pressure: | 23.8 mmHg (25°C) (water) |
| Vapor Density (Air = 1): | Not available. |
| Relative Density: | 0.9 - 1.1 |
| Solubility in Water: | Miscible |
| Partition Coefficient: | Not available. |
| Autoignition Temperature (°C/°F): | Not available. |
| Decomposition Temperature (°C/°F): | Not available. |
| Viscosity: | Not available. |
| Explosive Properties: | None. |
| Oxidizing Properties: | None. |
| Volatile Organic Content (VOC) (g/l): | ca. 5 - 15 g/l (as defined by 40CFR51.100) |

SECTION 10 STABILITY AND REACTIVITY

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| Reactivity: | Product will not undergo additional reaction. |
| Stability: | Stable under normal storage conditions. |
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | Contact with incompatible materials, excessive heat (> 100°C). |
| Incompatibilities: | Strong oxidizers. |
| Hazardous Decomposition Products: | Oxides of carbon, oxides of nitrogen, oxides of sulfur, metal oxides, acrylic monomers, aliphatic compounds, toxic by-products. |

SECTION 11 TOXICOLOGICAL INFORMATION

If available, toxicity data for the product is given; otherwise component data is listed.

SECTION 11 TOXICOLOGICAL INFORMATION

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| Acute Toxicity: | <p>This product is not expected to be appreciably toxic.</p> <p>(Water) No data.</p> <p>(Acrylic polymer(s)) Acute toxicity estimate (ATE) (oral) > 2000 mg/kg; Acute toxicity estimate (ATE) (dermal) > 2000 mg/kg</p> <p>(Perlite) Oral LD50 (mouse) 12960 mg/kg</p> <p>(Titanium dioxide) Oral LD50 (rat) > 10,000 mg/kg; Dermal LD50 (rabbit) > 10,000 mg/kg; Inhalation LC50 (rat) > 6.8 mg/L (4 hr)</p> <p>(Octyl-2H-isothiazol-3-one, 2-) Oral LD50 (rat) 550 mg/kg; Dermal LD50 (rabbit) 690 mg/kg</p> |
| Skin Corrosion / Irritation: | <p>The product may be slightly irritating to the skin.</p> <p>(Water) No data.</p> <p>(Acrylic polymer(s)) May cause slight skin irritation.</p> <p>(Perlite) No data.</p> <p>(Titanium dioxide) No data.</p> <p>(Octyl-2H-isothiazol-3-one, 2-) No data.</p> |
| Serious Eye Damage / Irritation: | <p>The product may be irritating to the eyes.</p> <p>(Water) No data.</p> <p>(Acrylic polymer(s)) Non-irritating to eyes.</p> <p>(Perlite) No data.</p> <p>(Titanium dioxide) No data.</p> <p>(Octyl-2H-isothiazol-3-one, 2-) Irritating to eye with possible corneal damage (rabbit).</p> |
| Respiratory or Skin Sensitization: | <p>The product may be dermally sensitizing.</p> <p>(Water) No data.</p> <p>(Acrylic polymer(s)) No data.</p> <p>(Perlite) No data.</p> <p>(Titanium dioxide) No data.</p> <p>(Octyl-2H-isothiazol-3-one, 2-) Expected to possess sensitization potential to very low concentrations (0.05%).</p> |
| Mutagenicity: | <p>This product is not expected to be mutagenic.</p> <p>(Water) No data.</p> <p>(Acrylic polymer(s)) No data.</p> <p>(Perlite) No data.</p> <p>(Titanium dioxide) Not genotoxic in Ames and Syrian hamster embryo cell testing.</p> <p>(Octyl-2H-isothiazol-3-one, 2-) Not mutagenic (Ames test).</p> |
| Carcinogenicity: | <p>This product is not expected to be carcinogenic in its present state.</p> <p>(Water) No data.</p> <p>(Acrylic polymer(s)) No data.</p> <p>(Perlite) No data.</p> <p>(Titanium dioxide) Limited evidence for carcinogenicity in animals. There is inadequate evidence in humans. Studies related to inhalation of airborne particles.</p> <p>(Octyl-2H-isothiazol-3-one, 2-) No data.</p> |
| Reproductive / Developmental Toxicity: | <p>This product is not expected to be developmentally harmful.</p> <p>(Water) No data.</p> <p>(Acrylic polymer(s)) No data.</p> <p>(Perlite) No data.</p> <p>(Titanium dioxide) No data.</p> <p>(Octyl-2H-isothiazol-3-one, 2-) No data.</p> |
| Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Single Exposure: | <p>(Water) No data.</p> <p>(Acrylic polymer(s)) No data.</p> <p>(Perlite) No data.</p> <p>(Titanium dioxide) No data.</p> <p>(Octyl-2H-isothiazol-3-one, 2-) No data.</p> |

SECTION 11 TOXICOLOGICAL INFORMATION

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| Chronic/Subchronic Toxicity: Specific Target Organ/Systemic Toxicity – Repeated Exposure: | (Water) No data. (Acrylic polymer(s)) No data. (Perlite) No data. (Titanium dioxide) No data. (Octyl-2H-isothiazol-3-one, 2-) No data. |
| Aspiration Hazard: | This product does not pose an appreciable aspiration hazard. |
| Additional Information: | None. |

SECTION 12 ECOLOGICAL INFORMATION

If available, ecological data for the product is given; otherwise component data is listed.

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| Acute Ecotoxicity: | This product may be harmful to aquatic species. (Water) No data. (Acrylic polymer(s)) LC50 (fathead minnow) > 100 mg/l/96 hr; EC50 (Daphnia magna) > 100 mg/l/48 hr (similar compounds). (Perlite) No data. (Titanium dioxide) No data. (Octyl-2H-isothiazol-3-one, 2-) LC50 (fathead minnow) 0.14 mg/l/96 hr; EC50 (Daphnia magna) 0.18 mg/l/48 hr. |
| Mobility: | (Water) No data. (Acrylic polymer(s)) No data. (Perlite) No data. (Titanium dioxide) No data. (Octyl-2H-isothiazol-3-one, 2-) No data. |
| Persistence/Degradability: | (Water) No data. (Acrylic polymer(s)) Not biodegradable. (Perlite) No data. (Titanium dioxide) Not biodegradable. (Octyl-2H-isothiazol-3-one, 2-) Readily biodegradable. |
| Bioaccumulation: | (Water) No data. (Acrylic polymer(s)) No data. (Perlite) No data. (Titanium dioxide) No data. (Octyl-2H-isothiazol-3-one, 2-) A BCF of 165 indicates the potential for bioaccumulation is low. |
| Other adverse effects: | None. |

SECTION 13 DISPOSAL CONSIDERATION

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| Environmental precautions: | Prevent the material from entering drains or water courses. Do not discharge directly to a water source. Advise Authorities if spillage has entered watercourse or sewer or has contaminated soil or vegetation. |
| Product Disposal: | Dispose in accordance with all local, state (provincial), and federal regulations. Under RCRA, it is the responsibility of the product's user to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because the product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous. |
| Container Disposal: | Do not remove label until container is thoroughly cleaned. Empty containers may contain hazardous residues. This material and its container must be disposed of in a safe way. |

SECTION 14 TRANSPORT INFORMATION

DOT (US):

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| Proper Shipping Name: | Not regulated |
| UN Number: | None. |
| Class: | None. |
| Packaging Group: | None. |
| Reportable Quantity: | None. |
| Marine Pollutant: | None. |

IATA:

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|-----------------------|---------------|
| Proper Shipping Name: | Not regulated |
| UN Number: | None. |
| Class: | None. |
| Packing Group: | None. |

IMDG:

| | |
|-----------------------|---------------|
| Proper Shipping Name: | Not regulated |
| UN Number: | None. |
| Class: | None. |
| Packing Group: | None. |
| Marine Pollutant: | None. |

Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations.

SECTION 15 REGULATORY INFORMATION

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| US Toxic Substance Control Act: | 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. |
| Canadian Domestic Substance List: | One or more component(s) of this product are not listed on the Canadian Domestic Substance List. Limited quantities may be permitted. |
| EU REACH: | One or more component(s) of this product have not been pre-listed or registered under REACH. Limited quantities may be permitted. |
| TSCA Sec.12(b) Export Notification: | This product does not contain a chemical at or above de minimis concentrations which requires reporting. |
| Canadian WHMIS Classification: | D.2.B This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. |
| Massachusetts Right-To-Know: | This product contains materials subject to disclosure under the Massachusetts' Right-To-Know Law: - Titanium dioxide |
| New Jersey Right-To-Know: | This product contains materials subject to disclosure under the New Jersey's Right-To-Know Law: - Titanium dioxide (1861) - Perlite (4086) |
| Pennsylvania Right-To-Know: | This product contains materials subject to disclosure under the |

SECTION 15 REGULATORY INFORMATION

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| | Pennsylvania's Right-To-Know Law: - Titanium dioxide |
| California Proposition 65: | This product contains materials which the State of California has found to cause cancer, birth defects or other reproductive harm: - Crystalline silica (< 0.2%) (as respirable particles) - Titanium dioxide (< 3.0%) (as respirable particles) - Acrylamide (trace) - Diethanolamine (trace) - Diphenyl ketone (< 0.04%) |
| SARA TITLE III-Section 311/312 Categorization (40 CFR 370): | Immediate (acute) hazard |
| SARA TITLE III-Section 313 (40 CFR 372): | This product does not contain materials which are listed in Section 313 at or above de minimis concentrations. |
| CERCLA Hazardous Substance (40 CFR 302) | This product does not contain materials subject to reporting under CERCLA and Section 304 of EPCRA. |
| Water Hazard Class (WGK): | This product is slightly water-endangering (WGK=1). |
| Other Chemical Inventories: | Australia (AICS): One or more component(s) are not listed. China (IECSC): One or more component(s) are not listed. Japan (ENCS): One or more component(s) are not listed. Korea (KCI): One or more component(s) are not listed. Philippines (PICCS): One or more component(s) are not listed. |

SECTION 16 OTHER INFORMATION

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|---------------------------|--|---------------|----------------|
| NFPA Rating - HEALTH: | 1 | | |
| NFPA Rating - FIRE: | 1 | | |
| NFPA Rating - REACTIVITY: | 0 | | |
| NFPA Rating - SPECIAL: | NONE | | |
| SDS Date Issued: | April 13, 2016 | | |
| SDS Current Version: | 1.0 | Version Date: | April 13, 2016 |
| SDS Revision History: | v1.0 Initial version. | | |
| Abbreviations: | GHS: Globally Harmonized System of Classification and Labeling of Chemicals CAS#: Chemical Abstract Services Number ACGIH: American Conference of Governmental Industrial Hygienists OSHA: Occupational Safety and Health Administration NFPA: National Fire Protection Association DOT: US Department of Transportation RCRA: US Resource Conservation and Recovery Act TLV: Threshold Limit Value TWA: Time-Weighted Average PEL: Permissible Exposure Limit STEL: Short Term Exposure Limit WEEL: Workplace Environmental Exposure Levels AIHA: American Industrial Hygiene Association NTP: National Toxicology Program IARC: International Agency for Research on Cancer R: Risk | | |

SECTION 16 OTHER INFORMATION

S: Safety
LD50: Lethal Dose 50%
LC50: Lethal Concentration 50%
EC50: Effective Concentration 50%
BCF Bioconcentration Factor
BOD: Biological Oxygen Demand
Koc: Soil Organic Carbon Partition Coefficient.
Tlm: Median Tolerance Limit

Key References: United States National Library of Medicine's TOXNET
Patty's Toxicology, 5th Edition
European Commission's Institute for Health and Consumer Protection
American Conference of Governmental Industrial Hygienists
International Agency for Research on Cancer
United States National Toxicology Program
United States Occupational Safety and Health Administration
United States Department of Transportation
Supplier Material Safety Data Sheets

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