# Zetex Rewettable Products

Safety Data Sheet

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Revision Date: 09/28/2016 Date of Issue: 09/28/2016 Version: 1.0

## SECTION 1: IDENTIFICATION

### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Zetex Rewettable Products

### 1.2. Intended Use of the Product

**Use of the Substance/Mixture:** No use is specified.

### 1.3. Name, Address, and Telephone of the Responsible Party

**Company**

NEWTEX INDUSTRIES, INC.
8050 Victor-Mendon Road
Victor, New York 14564
(585) 924-9135

### 1.4. Emergency Telephone Number

**Emergency Number** : 1-800-836-1001

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the Substance or Mixture

**GHS-US Classification**

Not classified

### 2.2. Label Elements

**GHS-US Labeling**

No labeling applicable

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. This product contains Crystalline Silica dust that is mixed with a liquid to form a paste mixture, and therefore the dust is not likely to be dispersed into the air. If dust is released into the air, repeated exposure to respirable (airborne) crystalline silica dust may cause lung damage in the form of silicosis, lung cancer, or respiratory irritation. For particulates and dust: Dust may cause mechanical irritation to eyes, nose, throat, and lungs.

### 2.4. Unknown Acute Toxicity (GHS-US)

0.5% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

| Name | Product Identifier | % | GHS-US classification |
|---|---|---|---|
| Glass, oxide, chemicals | (CAS No) 65997-17-3 | 59.78 - 61 | Carc. 2, H351 |
| Bentonite | (CAS No) 1302-78-9 | 21 - 22 | Not classified |
| Kaolin | (CAS No) 1332-58-7 | 12 | Not classified |
| Titanium dioxide | (CAS No) 13463-67-7 | 4.3 - 4.7 | Carc. 2, H351 |
| Quartz | (CAS No) 14808-60-7 | < 1.3 | Carc. 1A, H350<br>STOT SE 3, H335<br>STOT RE 1, H372 |
| Sodium polyphosphate | (CAS No) 68915-31-1 | < 0.5 | Comb. Dust |
| Aluminum hydroxide (Al(OH)3) | (CAS No) 21645-51-2 | < 0.25 | Not classified |

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of First-aid Measures

**First-aid Measures General:** The need for first aid is not anticipated under normal conditions of use.

**First-aid Measures After Inhalation:** Not expected to be a primary route of exposure. For particulates and dust: move to fresh air.

**First-aid Measures After Skin Contact:** No health effects expected. If irritation does occur, remove contaminated clothing and flush with lukewarm, gently flowing water for 5 minutes. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Eye Contact:** No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**First-aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**Symptoms/Injuries:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Symptoms/Injuries After Inhalation:** For particulates and dust: Prolonged contact with large amounts of dust may cause mechanical irritation.

**Symptoms/Injuries After Skin Contact:** For particulates and dust: Skin contact with large amounts of dust may cause mechanical irritation. May cause skin to become dry or cracked.

**Symptoms/Injuries After Eye Contact:** May cause mechanical eye irritation.

**Symptoms/Injuries After Ingestion:** Not expected to be a primary route of exposure. May cause gastro-intestinal blockage if swallowed.

**Chronic Symptoms:** There are no known health effects from the long term use or contact with non-respirable continuous filament fibers, which is the type of fiberglass that is used. Non-respirable fibers cannot reach the deep lung because they have a diameter of greater than 3.5 micrometers. Fibers of this diameter cannot penetrate the narrow, bending passages of the human respiratory tract to reach the lower regions of the lung, and thus have no possibility of causing serious pulmonary damage. They deposit on the surfaces of the upper respiratory tract, nose, or pharynx. These fibers are then cleared through normal physiological mechanisms. For particulates and dust: Repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** None known.

### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, $CO_2$). Silicon oxides. Metal oxides. Sodium oxides.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid prolonged contact with eyes, skin and clothing. The following applies to the product if it is cut, sanded or altered in such a way that excessive and/or significant particulates and/or dusts may be generated: Avoid breathing dust.

#### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

### 6.2. Environmental Precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Avoid generation of dust during clean-up of spills. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Additional Hazards When Processed:** This product is inert in its massive form. However, user generated dust can pose health hazards described within this document.

**Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid prolonged contact with eyes, skin and clothing. Avoid breathing dust.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a dry, cool place. Store away from incompatible materials.

**Incompatible Products:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

No use is specified.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

| **Glass, oxide, chemicals (65997-17-3)** | | |
|---|---|---|
| **USA NIOSH** | NIOSH REL (TWA) (mg/m³) | 3 fibers/cm³ (fibers ≤3.5 µm in diameter & ≥10µm in length), TWA 5mg/m3 (total) |
| **USA OSHA** | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ total dust, 5 mg/m3, respirable fraction 8 hr |

| **Kaolin (1332-58-7)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH TWA (mg/m³) | 2 mg/m³ (particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter) |
| **USA ACGIH** | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| **USA NIOSH** | NIOSH REL (TWA) (mg/m³) | 10 mg/m³ (total dust)<br>5 mg/m³ (respirable dust) |
| **USA OSHA** | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ (total dust)<br>5 mg/m³ (respirable fraction) |

| **Quartz (14808-60-7)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH TWA (mg/m³) | 0.025 mg/m³ (respirable particulate matter) |
| **USA ACGIH** | ACGIH chemical category | A2 - Suspected Human Carcinogen |
| **USA NIOSH** | NIOSH REL (TWA) (mg/m³) | 0.05 mg/m³ (respirable dust) |
| **USA IDLH** | US IDLH (mg/m³) | 50 mg/m³ (respirable dust) |
| **USA OSHA** | OSHA PEL (STEL) (mg/m³) | 250 mppcf/%$SiO_2$+5, 10mg/$m^3$/%$SiO_2$+2 |

| **Titanium dioxide (13463-67-7)** | | |
|---|---|---|
| **USA ACGIH** | ACGIH TWA (mg/m³) | 10 mg/m³ |
| **USA ACGIH** | ACGIH chemical category | Not Classifiable as a Human Carcinogen |
| **USA IDLH** | US IDLH (mg/m³) | 5000 mg/m³ |
| **USA OSHA** | OSHA PEL (TWA) (mg/m³) | 15 mg/m³ (total dust) |

### 8.2. Exposure Controls

**Appropriate Engineering Controls** : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment** : Gloves. Protective clothing. Safety glasses with side-shields.

**Materials for Protective Clothing** : Chemically resistant materials and fabrics.

**Hand Protection** : Wear protective gloves.

**Eye Protection** : Safety glasses with side shields, or goggles, are recommended.

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

**Respiratory Protection** : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information** : When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

| | |
|---|---|
| **Physical State** | : Solid |
| **Appearance** | : White woven fabric with gray/beige coating |
| **Odor** | : No significant odor |
| **Odor Threshold** | : No data available |
| **pH** | : Not applicable |
| **Evaporation Rate** | : Not applicable |
| **Melting Point** | : > 1500 °F (> 815.56 °C) |
| **Freezing Point** | : Not applicable |
| **Boiling Point** | : Not applicable |
| **Flash Point** | : No data available |
| **Auto-ignition Temperature** | : No data available |
| **Decomposition Temperature** | : No data available |
| **Flammability (solid, gas)** | : No data available |
| **Vapor Pressure** | : Not applicable |
| **Relative Vapor Density at 20°C** | : Not applicable |
| **Relative Density** | : No data available |
| **Solubility** | : Insoluble |
| **Partition Coefficient: N-Octanol/Water** | : Not applicable |
| **Viscosity** | : Not applicable |

**9.2. Other Information** No additional information available

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity:** Hazardous reactions will not occur under normal conditions.

**10.2. Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**10.3. Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**10.4. Conditions to Avoid:** Incompatible materials. Generation of airborne dust.

**10.5. Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

**10.6. Hazardous Decomposition Products:** None known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

**Acute Toxicity:** Not classified

| **Kaolin (1332-58-7)** | |
|---|---|
| **LD50 Oral Rat** | > 5000 mg/kg |
| **LD50 Dermal Rabbit** | > 5000 mg/kg |
| **Bentonite (1302-78-9)** | |
| **LD50 Oral Rat** | > 5000 mg/kg |
| **Quartz (14808-60-7)** | |
| **LD50 Oral Rat** | > 5000 mg/kg |
| **LD50 Dermal Rat** | > 5000 mg/kg |
| **Titanium dioxide (13463-67-7)** | |
| **LD50 Oral Rat** | > 10000 mg/kg |
| **Aluminum hydroxide (Al(OH)3) (21645-51-2)** | |
| **LD50 Oral Rat** | > 5000 mg/kg |
| **Sodium polyphosphate (68915-31-1)** | |
| **LD50 Oral Rat** | 6600 mg/kg |

| | |
|---|---|
| **LD50 Dermal Rabbit** | > 7940 mg/kg |

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified. (There are no known health effects from the long term use or contact with non-respirable continuous filament fibers, which is the type of fiberglass that is used. Non-respirable fibers cannot reach the deep lung because they have a diameter of greater than 3.5 micrometers. Fibers of this diameter cannot penetrate the narrow, bending passages of the human respiratory tract to reach the lower regions of the lung, and thus have no possibility of causing serious pulmonary damage. They deposit on the surfaces of the upper respiratory tract, nose, or pharynx. These fibers are then cleared through normal physiological mechanisms. Titanium dioxide is bound in the fabric and is not able to become airborne; thus, the hazards usually associated with titanium dioxide are not applicable to this product. This product is in a solid form; therefore Quartz (14808-60-7) is not bioavailable, nor able to become airborne, and cannot be inhaled. Thus, the hazards usually associated with Quartz are not applicable to this product)

| **Glass, oxide, chemicals (65997-17-3)** | |
|---|---|
| **IARC group** | 2B |

| **Quartz (14808-60-7)** | |
|---|---|
| **IARC group** | 1 |
| **National Toxicology Program (NTP) Status** | Known Human Carcinogens. |
| **OSHA Hazard Communication Carcinogen List** | In OSHA Hazard Communication Carcinogen list. |

| **Titanium dioxide (13463-67-7)** | |
|---|---|
| **IARC group** | 2B |
| **OSHA Hazard Communication Carcinogen List** | In OSHA Hazard Communication Carcinogen list. |

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified. (This product is in a solid form; The (CAS No) 14808-60-7 (Quartz) is not bioavailable nor able to become airborne and cannot be inhaled. Thus, the hazards usually associated with (CAS No) 14808-60-7 are not applicable to this product)

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** For particulates and dust: Prolonged contact with large amounts of dust may cause mechanical irritation.

**Symptoms/Injuries After Skin Contact:** For particulates and dust: Skin contact with large amounts of dust may cause mechanical irritation. May cause skin to become dry or cracked.

**Symptoms/Injuries After Eye Contact:** May cause mechanical eye irritation.

**Symptoms/Injuries After Ingestion:** Not expected to be a primary route of exposure. May cause gastro-intestinal blockage if swallowed.

**Chronic Symptoms:** There are no known health effects from the long term use or contact with non-respirable continuous filament fibers, which is the type of fiberglass that is used. Non-respirable fibers cannot reach the deep lung because they have a diameter of greater than 3.5 micrometers. Fibers of this diameter cannot penetrate the narrow, bending passages of the human respiratory tract to reach the lower regions of the lung, and thus have no possibility of causing serious pulmonary damage. They deposit on the surfaces of the upper respiratory tract, nose, or pharynx. These fibers are then cleared through normal physiological mechanisms. For particulates and dust: Repeated or prolonged exposure to respirable (airborne) crystalline silica dust will cause lung damage in the form of silicosis. Symptoms will include progressively more difficult breathing, cough, fever, and weight loss. Repeated or prolonged exposure to titanium dioxide dust via inhalation is suspected of causing cancer of the respiratory tract.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General** : Not classified.

| **Bentonite (1302-78-9)** | |
|---|---|
| **LC50 Fish 1** | 19000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |

### 12.2. Persistence and Degradability

| **Zetex Rewettable Products** | |
|---|---|
| **Persistence and Degradability** | Not established. |

### 12.3. Bioaccumulative Potential

| Zetex Rewettable Products | |
|---|---|
| **Bioaccumulative Potential** | Not established. |

**12.4. Mobility in Soil** No additional information available

### 12.5. Other Adverse Effects

**Other Information** : Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste Treatment Methods

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

**14.1. In Accordance with DOT** Not regulated for transport

**14.2. In Accordance with IMDG** Not regulated for transport

**14.3. In Accordance with IATA** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

| **Glass, oxide, chemicals (65997-17-3)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Kaolin (1332-58-7)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Bentonite (1302-78-9)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Quartz (14808-60-7)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Titanium dioxide (13463-67-7)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Aluminum hydroxide (Al(OH)3) (21645-51-2)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

| **Sodium polyphosphate (68915-31-1)** |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |

### 15.2. US State Regulations

| **Titanium dioxide (13463-67-7)** | |
|---|---|
| **U.S. - California - Proposition 65 - Carcinogens List** | WARNING: This product contains chemicals known to the State of California to cause cancer. |

| **Kaolin (1332-58-7)** |
|---|
| U.S. - Massachusetts - Right To Know List |
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |

| **Quartz (14808-60-7)** |
|---|
| U.S. - Massachusetts - Right To Know List |
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |

| **Titanium dioxide (13463-67-7)** |
|---|
| U.S. - Massachusetts - Right To Know List |
| U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 09/28/2016

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**GHS Full Text Phrases:**

| | |
|---|---|
| Carc. 1A | Carcinogenicity Category 1A |
| Carc. 2 | Carcinogenicity Category 2 |
| Comb. Dust | Combustible Dust |
| STOT RE 1 | Specific target organ toxicity (repeated exposure) Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H335 | May cause respiratory irritation |
| H350 | May cause cancer |
| H351 | Suspected of causing cancer |
| H372 | Causes damage to organs through prolonged or repeated exposure |

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

SDS US (GHS HazCom)