# WHITE NEOPRENE SCREEN CLEANING BALLS

## Material Safety Data Sheet

January 2015

### White Neoprene Screen Cleaning Balls

#### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

| | |
|---|---|
| **Product Name** | White Neoprene Screen Cleaning Balls |
| **MSDS Prepared By** | Siftex Equipment Company Inc. |
| **Generic Chemical Name** | White Neoprene |
| **Product Type** | Custom Mix Rubber Compound |
| **Compound Name** | CR289 |
| **C.A.S Number** | B5-White Neoprene Ball |

#### 2. HAZARDOUS INGREDIENTS

| Ingredients | C.A.S Numbers | OSHA limits mg/ $m^3$ | ACGIH/limits mg/$m^3$ |
|---|---|---|---|
| Hydrotreated Napthenic Oil | 64742-52-5 | 5 | 5 |
| Zinc Oxide | 1314-13-2 | 5 | 5 |
| Titanium Dioxide | 13463-67-7 | 5 | |
| Precipitated Synthetic Amorphous Silica | 112926-00-8 | 6 | 3 |
| Kaolin Clay | 1332-58-7 | 2 | |

#### 3. PHYSICAL DATA

**Boiling Range:** N.A
**Evaporation Rate:** Non-volatile
**Volatiles volume %:** N.A
**Appearance:** White
**Vapor Density:** Non-volatile
**Liquid Density:** Heavier than water
**Specific Gravity:** 1.25

#### 4. FIRE AND EXPLOSION HAZARD DATA

**Flammability Class:** N.A **Flash Point:** (F) N.A **LEL:** N.A **UEL:** N

**Extinguishing Media:** Water fog, carbon dioxide, dry chemical CO2 may be ineffective on larger fires due to lack of cooling capacity which may result in reignition.

**Special Fire-Fighting Procedures:** Wear self-contained NIOSH breathing apparatus and protective clothing.

**Unusual Fire and Explosion Hazards:** Dense black smoke will result upon combustion.

52D Connecticut Avenue South Windsor, Connecticut 06074 • www.siftex.com
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# SCREEN CLEANING BALLS

### 5. HEALTH HAZARD DATA

**Permissible Exposure Level:** Exposure limits for this product have not been established. Atmospheric levels should be maintained as low as possible by using engineering controls like local exhaust ventilation. Existing exposure limits for individual components are listed in section II.

**Effect of Overexposure:**

**Eyes:** No known effect

**Skin:** No known effect

**Inhalation:** No known effect

**Ingestion:** No known effect

**Other:** Studies for rubber compounds show that extended exposure to hot rubber compound vapors may cause some loss of lung capacity.

**No health hazards are known:** Polymer bound compounds preclude the possibility of airborne dust. They also eliminate the problems generally associated with powdered chemicals.

**Note:** at processing temperatures, fumes and vapors that cause irritation to the respiratory tract, eyes and or skin are emitted. Typically these effects are reversible upon removal from exposure and no lasting effects are expected. Most importantly, the potential for irritation will depend upon the effectiveness of the exhaust ventilation in the process area.

**First Aid:**

**Skin:** Wash with soap and water. If irritation persists get medical attention. In case of burns from hot material, apply cool running water and call physician if necessary.

**Eyes:** Immediately flush the eyes with copious amounts of water for 15 minutes holding the eyelids apart for thorough cleaning. If irritation develops and /or persists, get medical attention.

**Ingestion:** Not expected to be a route of entry due to the form of the product.

**Inhalation:** Remove from area to fresh air. Get medical attention if breathing becomes difficult or respiratory irritation develops.

### 6. REACTIVITY DATA

**Stability:** Stable

**Hazardous Polymerization:** Will no occur. [avoid decomposition temperatures]

**Incompatibility:** No specific information is available, however, strong oxidizers or reducing agents are generally incompatible with most elastomers.

**Hazardous Decomposition Products:** CO, CO2, HCN, N oxides, S oxides

**Conditions to Avoid**: Overheating.

### 7. SPILL PROCEDURES

**Spill:** Pick up slabs, strips, pellets, sweep, shovel or vacuum crumbs into a clean, dry container for refuse or disposal.

**Water disposal methods:** Not classified as a RCRA hazardous waste as defined in 40 CFR 261.3. State or local environmental regulations may apply if they are different from federal regulations.

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## 8. SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Appropriate respiratory protection is required when exposure to air contaminant is likely to exceed acceptable exposure limits. Respirators should be selected in accordance with OSHA, subpart | [CFR 1910.134] and manufacturers recommendations. Typically it is expected that no respiratory equipment is needed if the processing equipment is properly ventilated.

**Ventilation:** If practical use local mechanical exhaust ventilation at source of air contamination such as open process equipment. Local exhaust ventilation having a capture velocity of 150 to 200 FPM is recommended.

**Protective Gloves:** Good industrial hygiene practice requires the use of gloves when handling uncured rubber products in order to minimize skin contact. Any type of cloth or coated glove like neoprene or latex should provide adequate protection.

**Eye Protection:** Safety glasses are recommended as a precaution

**Other protective equipment:** Where contact may occur with hot material wear thermal resistant hand and arm protection.

## 9. SPECIAL PROTECTION

**Precautions to be taken in handling and storing:** Wash thoroughly after handling. Avoid repeated or prolonged inhalation of process vapors.

## 10. TOXICOLOGY INFORMATION

Carcinogenic information [none is left blank]

| **Carcinogenic component:** | IARC | NTP | OSHA | ACGIM |
|---|---|---|---|---|

## 11. REGULATORY INFORMATION

**SARA TITLE III, Section 313:**

This product contains the following toxic chemicals subject to the reporting requirements of section n313 of the Emergency Planning and Community Right to Know Act 1986 and of 40 CFR 372;

| **CAS Number** | **Chemical Name** | **Percent by Weight** |
|---|---|---|
| 1314-13-2 | Zinc Oxide | <6.0 |

SARA TITLE III, Section 302

SARA [311,312] Hazard Class

| | |
|---|---|
| **Immediate [acute] health:** | No |
| **Delayed [chronic] health:** | No |
| **Sudden release of pressure:** | No |
| **Reactive:** | No |
| **Fire:** | No |



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