

# 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 <sup>3</sup>	ACGIH/limits mg/m <sup>3</sup>
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

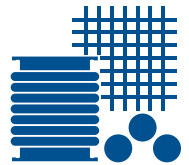
Flammability Class: N.A    Flash Point: (F) N.A    LEL: N.A    UEL: N

**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.

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## 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, CO<sub>2</sub>, 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 J [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 313 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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