

## Safety Data Sheet

### **Section 1-Chemical Product and Company Identification**

#### **Company Information:**

**PremierRepak Inc.**  
8351 W. 185<sup>th</sup> Street  
Tinley Park, IL 60487

**Phone:** (708) 444-2688  
**Fax:** (708) 429-4280

**InfoTrac 24-hour Emergency Phone Number:** 1 (800) 535-5053

**InfoTrac Contract Number:** 105384

#### **Product Information:**

**Generic Description:** Silicone elastomer  
**Physical Form:** Paste  
**Color:** See product name  
**Odor:** Acetic acid odor

### **Section 2-Hazard Identification**

**NFPA (National Fire Protection Association):** Health: 1 Flammability: 0 Reactivity: 0

#### **Acute Health Effects:**

**Eye:** Direct contact may cause mild irritation.

**Skin:** May cause mild irritation.

**Inhalation:** Irritates respiratory passages very slightly.

**Oral:** Low ingestion hazard in normal use.

#### **Prolonged/Repeated Exposure Effects:**

**Skin:** No known applicable information

**Inhalation:** No known applicable information

**Oral:** No known applicable information

**Signs and Symptoms of Overexposure:** No known applicable information.

**Medical Conditions Aggravated by Exposure:** No known applicable information.

**NOTE:** The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for the detailed toxicology information.

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#### **Section 3-Composition and Information on Ingredients**

<u>Common Name</u>	<u>C.A.S. No.</u>	<u>Wt. %</u>
Ethyltriacetoxysilane	17689-77-9	1.0 - 5.0
Methyltriacetoxysilane	4253-34-3	1.0 - 5.0

The above components are hazardous as defined in 29 CFR 1910.1200.

#### **Section 4 – First Aid Measures**

**Eye:** Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelid(s) open. Obtain medical attention.

**Skin:** No health effects expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

**Inhalation:** If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

**Oral:** If irritation or discomfort occurs, obtain medical advice.

**Notes to Physician:** Treat according to person's condition and specifics of exposure.

#### **Section 5- Firefighting Measures**

**Flash Point:** > 212 °F / > 100 °C (Closed Cup)

**Auto ignition Temperature:** Not determined.

**Flammability Limits in Air:** Not determined.

**Extinguishing Media:** On large fires use dry chemical, foam or water spray.  
On small fires use carbon dioxide (CO<sub>2</sub>), dry chemical or water spray.  
Water can be used to cool fire-exposed containers

**Fire Fighting Measure:** Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**Unusual Fire Hazards:** None.

#### **Section 6 – Accidental Release Measures**

##### **Containment/Clean up:**

Observe all personal protection equipment recommendations described in Sections 5 and 8.  
Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled

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materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

**NOTE:** See Section 8 for Personal Protective Equipment for Spills.

#### **Section 7- Handling and Storage**

Use with adequate ventilation. Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. Avoid breathing vapor, mist, dust, or fumes. Keep container closed. Do not take internally.

Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential..

#### **Section 8- Exposure Controls and Personal Protection**

##### **Component Exposure Limits:**

<u>Common Name</u>	<u>C.A.S. No.</u>	<u>Exposure Limits</u>
Ethyltriacetoxysilane	17689-77-9	See acetic acid comments.
Methyltriacetoxysilane	4253-34-3	See acetic acid comments

Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm

##### **Engineering Controls:**

**Local Ventilation:** None should be needed.

**General Ventilation:** Recommended.

##### **Personal Protective Equipment for Routine Handling:**

**Eyes:** Use proper protection - safety glasses as a minimum.

**Skin:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

**Suitable Gloves:** Handle in accordance with good industrial hygiene and safety practices.

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**Inhalation:** No respiratory protection should be needed.

**Suitable Respirator:** None should be needed.

**Personal Protective Equipment for Spills:**

**Eyes:** Use proper protection - safety glasses as a minimum.

**Skin:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

**Inhalation/Suitable Respirator:** No respiratory protection should be needed.

**Precautionary Measures:** Avoid eye contact. Avoid skin contact. Use reasonable care.

**Comments:** Product evolves acetic acid (HOAc) when exposed to water or humid air. Provide ventilation during use to control HOAc within exposure guidelines or use respiratory protection. When heated to temperatures above 150°C (300°F) in the presence of air, product can form formaldehyde vapors. Physical and health hazard information is readily available on the Safety Data Sheet.

**Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

**Section 9- Physical/Chemical Characteristics**

**Physical Form:** Paste

**Color:** See product name

**Odor:** Acetic acid odor

**Specific Gravity @ 25°C:** 1.007

**Viscosity:** Not determined.

**Freezing/Melting Point:** Not determined.

**Boiling Point:** Not determined.

**Vapor Pressure @ 25°C:** Not determined.

**Vapor Density:** Not determined.

**Solubility in Water:** Not determined.

**pH:** Not determined.

**Volatile Content:** Not determined.

**Flash Point:** > 212 °F / > 100 °C (Closed Cup)

**Auto ignition Temperature:** Not determined.

**Flammability Limits in Air:** Not determined.

**Note:** The above information is not intended for use in preparing product specifications.

**Section 10- Stability and Reactivity**

**Chemical Stability:** Stable.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Conditions to Avoid:** None.

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**Materials to Avoid:** Oxidizing material can cause a reaction. Water, moisture, or humid air can cause hazardous vapors to form as described in Section 8.

**Hazardous Decomposition Products:**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. Metal oxides. Nitrogen oxides. Chlorine compounds.

#### **Section 11– Toxicological Information**

**Special Hazard Information on Components:** No known applicable information.

#### **Section 12 – Ecological Information**

**Environmental Fate and Distribution:** Complete information is not yet available.

**Environmental Effects:** Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants:** Complete information is not yet available.

**Ecotoxicity Classification Criteria:**

<b>Hazard Parameters (LC50 or EC50)</b>	<b>High</b>	<b>Medium</b>	<b>Low</b>
Acute Aquatic Toxicity (mg/L)	<=1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <= 2000	>2000

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.

This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

#### **Section 13 – Disposal Considerations**

**RCRA Hazard Class (40 CFR 261):**

When a decision is made to discard this material, as received, is it classified as a hazardous waste? **No**

State or local laws may impose additional regulatory requirements regarding disposal.

#### **Section 14 – Transport Information**

**DOT Road Shipment Information (49 CFR 172.101):** Not subject to DOT.

**Ocean Shipment (IMDG):** Not subject to IMDG code.

**Air Shipment (IATA):** Not subject to IATA regulations.

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**Section 15- Hazard Classification**

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

**TSCA Status:** All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**EPA SARA Title III Chemical Listings:**

**Section 302 Extremely Hazardous Substances (40 CFR 355):** None

**Section 304 CERCLA Hazardous Substances (40 CFR 302):** None

**Section 311/312 Hazard Class (40 CFR 370):**

Acute: No  
Chronic: No  
Fire: No  
Pressure: No  
Reactive: No

**Section 313 Toxic Chemicals (40 CFR 372):** None present or none present in regulated quantities.

**Note:** Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

**Supplemental State Compliance Information**

**California:**

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None known.

**State Right-To-Know:**

<b>CAS Number</b>	<b>Wt %</b>	<b>Component Name</b>	<b>State</b>
70131-67-8	<=82.0	Dimethyl siloxane, hydroxy-terminated	New Jersey, Pennsylvania
63148-62-9	<=8.0	Polydimethylsiloxane	New Jersey, Pennsylvania
7631-86-9	<=7.9	Silicon dioxide	New Jersey, Pennsylvania
64742-46-7	5.0 - 10.0	Hydrotreated middle petroleum distillates	New Jersey, Pennsylvania

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1332-37-2	<=3.2	Iron oxide	New Jersey, Pennsylvania
13463-67-7	<=2.2	Titanium dioxide	New Jersey, Pennsylvania
7429-90-5	<=1.6	Aluminum	New Jersey, Pennsylvania
1333-86-4	<=0.4	Carbon black	New Jersey

#### **Section 16 – Other Information**

**Prepared by:** PremierRepak, Inc.

<http://premierrepak.com/>

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.