

Safety Data Sheet

Section 1-Chemical Product and Company Identification

Company Information:

PremierRepak Inc.
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Tinley Park, IL 60487

Phone: (708) 444-2688
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InfoTrac 24-hour Emergency Phone Number: 1 (800) 535-5053

InfoTrac Contract Number: 105384

Product Information:

Generic Description: Silicone elastomer
Recommended use: Adhesive, binding agents
Substance: Mixture

Section 2-Hazard Identification

GHS Classification: Not a hazardous substance or mixture.

GHS Label element: Not a hazardous substance or mixture.

Precautionary Statements: Prevention:

P271: Use only outdoors or in a well-ventilated area.

Other hazards: None known.

Section 3-Composition and Information on Ingredients

Hazardous Ingredients:

<u>Common Name</u>	<u>C.A.S. No.</u>	<u>Wt. %</u>
Silicon dioxide	7631-86-9	>= 5 - < 10
Distillates (petroleum), hydro treated middle	64742-46-7	>= 5 - < 10
Titanium dioxide	13463-67-7	>= 1 - < 5

Section 4 – First Aid Measures

If inhaled: Remove to fresh air. Get medical attention if symptoms occur.

In case of skin contact: Wash with water and soap as a precaution. Get medical attention if symptoms occur.

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In case of eye contact: Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.

If swallowed: If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed: None known.

Protection of first-aiders: No special precautions are necessary for first aid responders.

Notes to physician: Treat symptomatically and supportively.

Section 5- Firefighting Measures

Suitable extinguishing media: Water spray, Alcohol-resistant foam, Dry chemical, Carbon dioxide (CO₂)

Unsuitable extinguishing media: None known.

Specific hazards during firefighting: Exposure to combustion products may be a hazard to health.

Hazardous combustion products: Carbon oxides, Silicon oxides, Formaldehyde

Specific extinguishing methods: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Special protective equipment for fire fighters: Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Section 6 – Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Follow safe handling advice and personal protective equipment recommendations.

Environmental precautions:

Discharge into the environment must be avoided.
Prevent further leakage or spillage if safe to do so.
Retain and dispose of contaminated wash water.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material.
For large spills, provide diking or other appropriate containment to keep material from spreading.
If diked material can be pumped, store recovered material in appropriate container.

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Clean up remaining materials from spill with suitable absorbent. Local or national 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 regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

Section 7- Handling and Storage

Technical measures: See Engineering measures under **Section 8** Exposure Controls and Personal Protection.

Local/Total ventilation: Use only with adequate ventilation.

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Take care to prevent spills, waste and minimize release to the environment.

Conditions for safe storage: Keep in properly labeled containers. Store in accordance with the particular national regulations.

Materials to avoid: Do not store with the following product types: strong oxidizing agents

Section 8- Exposure Controls and Personal Protection

Component Exposure Limits:

Common Name	C.A.S. No.	Value type (Form of exposure)	Control parameters Permissible Conc.	Basis
Silicon dioxide	7631-86-9	TWA (Dust)	20 Million particles per cubic foot. (Silica)	OSHA Z-3
		TWA (Dust)	80 mg/m3 / %SiO2 (Silica)	OSHA Z-3
		TWA	6 mg/m3(Silica)	NIOSH REL
Distillates (petroleum), hydro treated middle	64742-46-7	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Mist)	5 mg/m3	OSHA P0
		TWA (Mist)	5 mg/m3	NIOSH REL
		ST (Mist)	10 mg/m3	NIOSH REL

Engineering measures:

Processing may form hazardous compounds (see section 10).
Ensure adequate ventilation, especially in confined areas.
Minimize workplace exposure concentrations.

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Personal protective equipment:

Respiratory protection: General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hand protection: Remarks: Wash hands before breaks and at the end of workday.

Eye protection: Wear the following personal protective equipment: Safety glasses.

Skin and body protection: Skin should be washed after contact.

Hygiene measures: Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

Section 9- Physical/Chemical Characteristics

Odor: Acetic acid odor

Odor Threshold: No data available

Specific Gravity @ 25°C: 1.007

Freezing/Melting Point: Not determined.

Boiling Point: Not determined.

Vapor Pressure: Not applicable.

Vapor Density: No data available.

Solubility in Water: No data available.

pH: Not applicable.

Volatile Content: Not determined.

Flash Point: > 100 °C (Closed cup)

Auto ignition Temperature: No data available.

Flammability (solid, gas): Not classified as a flammability hazard

Evaporation rate: Not applicable

Upper explosion limit: No data available

Lower explosion limit: No data available

Partition coefficient: noctanol/water: No data available

Decomposition temperature: No data available

Viscosity, dynamic: Not applicable

Explosive properties: Not explosive

Oxidizing properties: The substance or mixture is not classified as oxidizing.

Molecular weight: No data available

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Section 10- Stability and Reactivity

Reactivity: Not classified as a reactivity hazard.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Use at elevated temperatures may form highly hazardous compounds. Can react with strong oxidizing agents. Acetic acid is formed upon contact with water or humid air. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required. See OSHA formaldehyde standard, 29 CFR 1910.1048. Hazardous decomposition products will be formed at elevated temperatures.

Conditions to avoid: None known.

Incompatible materials: Oxidizing agents

Hazardous decomposition products: Thermal decomposition: Formaldehyde

Section 11- Toxicological Information

Information on likely routes of exposure:

Skin contact
Ingestion
Eye contact

Acute toxicity:

Not classified based on available information.

Product: Acute inhalation toxicity : Acute toxicity estimate: > 10 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: Calculation method

Ingredients:

Silicon dioxide:

Oral:

Acute toxicity: LD50 (Rat): > 3,300 mg/kg
Assessment: The substance or mixture has no acute oral toxicity
Remarks: Information taken from reference works and the literature.

Inhalation:

Acute toxicity: LC50 (Rat): > 2.08 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity
Remarks: Information taken from reference works and the literature.

Dermal:

Acute toxicity: LD50 (Rabbit): > 5,000 mg/kg

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Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Information taken from reference works and the literature.

Distillates (petroleum), hydro treated middle:

Oral: Acute toxicity: LD50 (Rat): > 5,000 mg/kg

Inhalation:

Acute toxicity: LC50 (Rat): 1.78 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Dermal: Acute toxicity: LD50 (Rat): > 2,000 mg/kg

Skin corrosion/irritation:

Not classified based on available information.

Ingredients:

Silicon dioxide:

Result: No skin irritation

Remarks: Information taken from reference works and the literature.

Serious eye damage/eye irritation:

Not classified based on available information.

Ingredients:

Silicon dioxide:

Result: No eye irritation

Remarks: Information taken from reference works and the literature.

Respiratory or skin sensitization:

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

Ingredients:

Silicon dioxide:

Assessment: Does not cause skin sensitization.

Test Type: Skin: test type not specified

Species: Guinea pig

Remarks: No known sensitizing effect.

Information taken from reference works and the literature.

Germ cell mutagenicity:

Not classified based on available information.

Ingredients:

Silicon dioxide:

Genotoxicity in vitro: Result: negative

Remarks: Information taken from reference works and the literature.

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Genotoxicity in vivo: Application Route: Ingestion Result: negative
Remarks: Information taken from reference works and the literature.

Germ cell mutagenicity:
Assessment: Animal testing did not show any mutagenic effects.

Carcinogenicity:

Not classified based on available information.

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity:

Not classified based on available information.

STOT-single exposure:

Not classified based on available information.

STOT-repeated exposure:

Not classified based on available information.

Aspiration toxicity:

Not classified based on available information.

Ingredients:

Distillates (petroleum), hydro treated middle:

The substance or mixture is known to cause human aspiration toxicity hazards or has to be regarded as if it causes a human aspiration toxicity hazard.

Section 12 – Ecological Information

Ecotoxicity: No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

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Other adverse effects: No data available

Section 13 – Disposal Considerations

Disposal methods:

Resource Conservation and Recovery Act (RCRA): This product has been evaluated for RCRA characteristics and does not meet the criteria of hazardous waste if discarded in its purchased form.

Waste from residues: Dispose of in accordance with local regulations.

Contaminated packaging: Dispose of as unused product. Empty containers should be taken to an approved waste-handling site for recycling or disposal.

Section 14 – Transport Information

International Regulation:

UNRTDG: Not regulated as a dangerous good

IATA-DGR: Not regulated as a dangerous good

IMDG-Code: Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:
Not applicable for product as supplied.

Domestic regulation:

49 CFR: Not regulated as a dangerous

Section 15- Hazard Classification

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity:

Component Name	CAS Number	Component RQ (lbs)	Calculated product RQ(lbs)
Acetic acid	64-19-7	5000	*
Acetic anhydride	108-24-7	5000	*

* Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity:

This material does not contain any components with a section 304 EHS RQ

SARA 311/312 Hazards: No SARA Hazards

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis)

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reporting levels established by SARA Title III, Section 313.

US State Regulations:

California:

Warning: This product does **not** contain 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.

State Right-To-Know:

<u>CAS Number</u>	<u>Wt %</u>	<u>Component Name</u>	<u>State</u>
70131-67-8	70-90	Dimethyl siloxane, hydroxy-terminated	New Jersey, Pennsylvania
63148-62-9	1-5	Dimethylsiloxane, trimethylsiloxy-terminated	New Jersey
7631-86-9	5-10	Silicon dioxide	New Jersey, Pennsylvania
64742-46-7	5-10	Hydro treated middle petroleum distillates	New Jersey, Pennsylvania
164-19-7	0-0.1	Acetic Acid	Pennsylvania
108-24-7	0-0.1	Acetic Anhydride	Pennsylvania

The ingredients of this product are reported in the following inventories:

AICS: All ingredients listed or exempt.

IECSC: All ingredients listed or exempt.

PICCS: All ingredients listed or exempt.

DSL: All chemical substances in this product comply with the CEPA 1999 and NSNR and are on or exempt from listing on the Canadian Domestic Substances List (DSL).

REACH: All ingredients (pre-)registered or exempt.

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

Inventories:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), NECSI (Taiwan), TSCA (USA)

Section 16 – Other Information

Further information:

NFPA:

HMIS III:

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Flammability: 1
Health: 1
Instability: 0
Special hazard: None

Flammability: 1
Health: 1
Physical Hazard: 0

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Full text of other abbreviations:

NIOSH REL: USA. NIOSH Recommended Exposure Limits.
OSHA P0: USA. OSHA - TABLE Z-1 Limits for Air Contaminants -1910.1000
OSHA Z-1: USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants.
OSHA Z-3: USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
NIOSH REL / TWA: Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
NIOSH REL / ST: STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday
OSHA P0 / TWA: 8-hour time weighted average
OSHA Z-1 / TWA: 8-hour time weighted average
OSHA Z-3 / TWA: 8-hour time weighted average

Sources of key data used to compile the Safety Data Sheet:

Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

Prepared by: PremierRepak, Inc.

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