PR2203
Clear Glass & Metal Sealant Acetoxty
Safety Data Sheet

Section 1-Chemical Product and Company Identification

Manufacturer or supplier's details

Company name of supplier	:	PremierRepak Inc.
Address	:	8351 W. 185th Street Tinley Park, IL 60487 www.premierrepak.com
Telephone	:	(708) 444-2688
Fax	:	(708) 429-4280
Emergency Phone Number	:	InfoTrac 24-hour Emergency Number : 1 (800) 535-5053 InfoTrac Contract Number : 105384

Recommended use of the chemical and restrictions on use

Recommended use	:	Adhesive, binding agents

Section 2-Hazard Identification

GHS classification in accordance with 29 CFR 1910.1200

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Precautionary Statements : **Prevention:**

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

Other Hazards

Not a hazardous substance or mixture.

Section 3-Composition and Information on Ingredients

Substance/Mixture: Mixture

Chemical Nature: Silicone elastomer

Hazardous Components:

Chemical Name	C.A.S. No.	Wt. %
Silicon dioxide	7631-86-9	>= 5 - < 10

Section 4 – First Aid Measures

Notes to physician: Treat symptomatically and supportively.

If Inhaled: 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.

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.

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

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

Section 5- Firefighting Measures

Suitable Extinguishing Media: Water spray
Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO2)

Specific hazards arising from the chemical: Exposure to combustion products may be a hazard to health.

Special Protective Actions for Fire Fighters: 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. Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

Hazardous combustion products: Silicon oxides, Formaldehyde

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.
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

Precautions for Safe Handling: 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

Ingredients with workplace control parameters

Ingredient	C.A.S. Number	Value Type (Form of Exposure)	Control parameters / Permissible concentration	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

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

Personal protective equipment:

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

Skin protection: Skin should be washed after contact. Wash hands before breaks and at the end of the workday.

Body protection: When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

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.

Environmental exposure controls: Ensure that eye flushing systems and safety showers are located close to the working place. These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

Section 9- Physical/Chemical Characteristics

Appearance: paste
Odor: Acetic acid odor
Odor Threshold: No data available
pH: Not applicable.
Melting Point/Freezing Point: No data available.
Initial Boiling Point and Boiling Range: Not applicable.
Flash Point: : >100 degrees C closed cup
Evaporation rate: Not applicable
Flammability (Solid, Gas): Not classified as a flammability hazard.
Upper /Lower flammability limit: No data available
Upper/Lower explosion limit: No data available
Vapor Pressure: Not applicable.
Vapor Density: No data available.
Relative density: 1.007
Solubility(ies): No data available.
Partition coefficient: n-octanol/water: No data available
Auto ignition Temperature: No data available.
Decomposition temperature: No data available
Viscosity: Not applicable
Explosive properties: Not explosive
Oxidizing properties: The substance or mixture is not classified as oxidizing.

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: Formaldehyde

Section 11– Toxicological Information

Information on toxicological effects

Acute toxicity:

Not classified based on available information.

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

Ingredients:
Silicon dioxide:
Acute oral 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.
Acute inhalation 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.

Acute dermal toxicity: LD50 (Rabbit): > 5,000 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity
Remarks: Information taken from reference works and the literature.
Distillates (petroleum), hydrotreated middle:
Acute oral toxicity: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity: LC50 (Rat): 1.78 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Acute dermal 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/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.

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:

Reproductive toxicity: Not classified based on available information.

STOT-single exposure:

Not classified based on available information.

STOT-repeated exposure:

STOT-repeated exposure: Not classified based on available information.

Aspiration hazard:

Aspiration toxicity: Not classified based on available information.

Ingredients:
Distillates (petroleum), hydrotreated 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

Toxicity:

No data available

Persistence and degradability:
No data available

Bioaccumulative potential:
No data available

Mobility in soil:
No data available

Other adverse effects:
No data available

Section 13 – Disposal Considerations

Disposal of the product:

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

DOT (US)
Not regulated as a dangerous good
IATA
Not regulated as a dangerous good
IMDG
Not regulated as a dangerous good

Section 15- Hazard Classification

EPCRA - Emergency Planning and Community Right-to-Know

CERCLA Reportable Quantity:

Ingredients	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 302 Components:

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

SARA 311/312 Hazards
No SARA Hazards

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

US State Regulations

Pennsylvania Right To Know

Dimethyl siloxane, hydroxy-terminated	70131-67-8 60 - 80%
Silicon dioxide	7631-86-9 5 - 10%
Polydimethylsiloxane	63148-62-9 10 - 20%

New Jersey Right To Know

Dimethyl siloxane, hydroxy-terminated	70131-67-8 60 - 80 %
Silicon dioxide	7631-86-9 5 - 10 %
Dimethyl siloxane, trimethylsiloxy-terminated	63148-62-9 10 - 20 %

California Prop 65:
This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

Chemical Safety Assessment

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 under REACH.
TSCA: All chemical substance 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

NFPA: Flammability 1, Health 1, Instability 0
HMIS®: Health 1, Flammability 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: Premier Repak, Inc.

http://premierrepak.com/

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.