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## Safety Data Sheet

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### Poly Paste, Part A

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#### Section 1 – Identification

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Oak Ridge Foam & Coating Systems, Inc  
575 Commercial Ave  
Green Lake, WI 54941

Emergency Telephone: (800) 424-9300 Chemtrec  
800-625-9577 Oak Ridge Foam & Coating Systems, Inc  
BOTH NUMBERS ARE AVAILABLE DAYS, NIGHTS, WEEKENDS, & HOLIDAYS

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#### Section 2 – Hazards Identification

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##### GHS Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Reproductive toxicity	Category 1B

##### GHS Label Elements

Hazard pictograms:



Signal word: Danger

Hazard Statements: Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
May damage fertility or the unborn child

Precautionary Statements: **Prevention:**  
Obtain special instructions before use  
Do not handle until all safety precautions have been read and understood  
Use personal protective equipment as required  
Wash face, hands and any exposed skin thoroughly after handling  
Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing must not be allowed out of the workplace  
Wear protective gloves

**Response:**

If exposed or concerned: Get medical advice/attention

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of water and soap

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

**Storage:**

Store locked up.

**Disposal:**

Dispose of contents/container to an approved waste disposal plant

**Other hazards:**

Toxic to aquatic life with long lasting effects

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**Section 3 – Hazards Identification**

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CAS	Chemical Name	% By Weight
Proprietary	Proprietary ether 1	50-60
Proprietary	Proprietary mineral 1	10-20
Proprietary	Proprietary alcohol 1	5-10
Proprietary	Proprietary alcohol 2	1-5
Proprietary	Proprietary ether 2	1-5
Proprietary	Proprietary solvent	0.1-0.5
Proprietary	Proprietary mineral 3	0.1-0.5

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**Section 4 – First Aid Measures**

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**First Aid Measure****General Advice**

Provide this SDS to medical personnel for treatment.

**Eye Contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin Contact**

Wash with soap and water. Remove and wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

**Inhalation**

Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician/poison center if individual's condition declines or if symptoms persist.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if necessary.

## **Most important symptoms and effects**

### **Symptoms**

Causes serious eye irritation. Cause skin irritation. May cause an allergic skin reaction. May be harmful if swallowed. May be harmful in contact with skin.

## **Indication of any immediate medical attention and special treatment needed**

### **Notes to Physician**

Skin and eye conditions may be aggravated by long term exposure.

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## **Section 5 – Fire Fighting Measures**

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### **Suitable Extinguishing Media:**

Dry chemical, CO2 or water spray.

### **Unsuitable Extinguishing Media**

Not determined.

### **Specific Hazards Arising from the Chemical**

#### **Environmental precautions**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

#### **Methods and material for containment and cleaning up**

##### **Methods for Containment**

Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material.

##### **Methods for Clean-Up**

Sweep up and shovel into suitable containers for disposal. Dispose of contents/container to an

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

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### **Personal precautions, protective equipment and emergency procedures**

#### **Personal Precautions**

Wear Protective gloves/protective clothing and eye/face protection. Avoid breathing vapors, mist or gas. Remove any contaminated clothing and wash thoroughly before reuse.

#### **Environmental precautions**

##### **Environmental precautions**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information.

#### **Methods and material for containment and cleaning up**

##### **Methods for Containment**

Prevent further leakage or spillage if safe to do so. Soak up and contain spill with an absorbent material.

##### **Methods for Clean-up**

Sweep up and shovel into suitable containers for disposal. Dispose of contents/container to an approved waste disposal plant. For waste disposal, see section 13 of the SDS.

## Section 7 – Storage and Handling

### Precautions for safe handling

#### **Advice on Safe Handling**

Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear appropriate personal protective equipment. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.

### Conditions for safe storage, including any incompatibilities

#### **Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

#### **Incompatible Materials**

None known based on information supplied.

## Section 8 – Exposure Controls/Personal Protection

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Proprietary mineral 1	TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more; use Quartz limit	IDLH: 1000 mg/m <sup>3</sup> TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust
Proprietary mineral 3	TWA: 0.025 mg/m <sup>3</sup> respirable particulate matter	TWA: 50 µg/m <sup>3</sup> TWA: 50 µg/m <sup>3</sup> excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction (10)/(%SiO <sub>2</sub> + 2) mppcf TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust

## **Appropriate engineering controls**

### **Engineering Controls**

Apply technical measures to comply with the occupational exposure limits. Provide general or local exhaust ventilation if product is sanded or ground. Maintain eye wash fountain and quick-drench facilities in work area.

## **Individual protection measures, such as personal protective equipment**

### **Eye/Face Protection**

Chemical safety goggles/faceshield. Refer to 29 CFR 1910.133 for eye and face protection regulations.

### **Skin and Body Protection**

Wear protective gloves and protective clothing. Refer to 29 CFR 1910.138 for appropriate skin and body protection. Reference Wiley's "Quick Selection Guide to Chemical Protective Clothing".

### **Respiratory Protection**

Ensure adequate ventilation, especially in confined areas. If engineering controls do not keep airborne concentrations below acceptable levels, wear a NIOSH-approved respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

### **General Hygiene Considerations**

Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

## **Section 9 – Physical Properties**

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<b>Physical state</b>	Liquid
<b>Appearance</b>	Not determined
<b>Color</b>	Neutral
<b>Odor</b>	Not determined
<b>Odor Threshold</b>	Not determined
<b>pH</b>	Not determined
<b>Melting point/freezing</b>	Not determined
<b>Boiling point/boiling range</b>	Not determined
<b>Flash point</b>	Not determined
<b>Evaporation Rate</b>	Not determined
<b>Flammability (solid, gas)</b>	Not determined
<b>Flammability Limit in Air</b>	
<b>Upper Flammability Limit</b>	Not determined
<b>Lower Flammability Limit</b>	Not determined
<b>Vapor Pressure</b>	Not determined
<b>Vapor Density</b>	Not determined
<b>Relative Density</b>	Not determined
<b>Water Solubility</b>	Not determined
<b>Solubility in other solvents</b>	Not determined
<b>Partition Coefficient</b>	Not determined
<b>Autoignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Kinematic Viscosity</b>	Not determined
<b>Dynamic Viscosity</b>	Not determined
<b>Explosive Properties</b>	Not determined
<b>Oxidizing Properties</b>	Not determined

## Section 10 – Stability and Reactivity

### Reactivity:

Not reactive under normal conditions.

### Chemical Stability:

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions:

None under normal processing.

### Conditions to Avoid:

Keep out of reach of children.

### Incompatible Materials:

None known based on information supplied.

### Hazardous Decomposition Products:

None known based on information supplied.

## Section 11 – Toxicological Information

### Information on likely routes of exposure

#### Product Information

##### Eye Contact

Causes serious eye irritation.

##### Skin Contact

Causes skin irritation. May cause an allergic skin reaction. May be harmful in contact with skin.

##### Inhalation

May cause irritation of respiratory tract.

##### Ingestion

May be harmful if swallowed. May cause discomfort if swallowed.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary ether 1	= 11400 mg/kg (Rat)		
Proprietary resin	> 2 g/kg (Rat)	> 400 mg/kg (Rat)	
Proprietary alcohol 1	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h
Proprietary silane	= 22600 µL/kg (Rat) = 7.01 g/kg (Rat)	= 3970 µL/kg (Rabbit)	> 5.3 mg/L (Rat) 4 h
Proprietary alcohol 2	= 1600 mg/kg (Rat)		
Proprietary ether 2	= 17100 mg/kg (Rat)	> 3987 mg/kg (Rabbit)	
Proprietary solvent	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m <sup>3</sup> (Rat) 4 h

### Information on physical, chemical and toxicological effects

#### Symptoms

Please see section 4 of this SDS for symptoms.

## **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

### **Sensitization**

May cause an allergic skin reaction.

### **Carcinogenicity**

Silica (quartz) is a possible carcinogen when it appears as a respirable dust. IARC: In 2006, IARC concluded that inhaled talc not containing asbestos or asbestiform fibers is not classifiable as a human carcinogen (Group 3). IARC concluded that there is limited evidence that the use of talc-based body powder for perineal dusting is a possible risk factor for ovarian cancer (Group 2B). This is not a route of exposure relevant to workers and applies only to one specific use of talc.

NTP: In 2000, NTP reviewed both “talc containing asbestiform fibers” and “talc not containing asbestiform fibers,” and did not list either type in light of continuing uncertainty in the scientific literature. The NTP did not consider the ovarian cancer studies in the evaluation of talc not containing asbestiform fibers because it was unclear if the talc used in these studies might have been contaminated with asbestos. 66 Fed. Reg. 13,334 (Mar. 5, 2001).

U.S. FDA: In 2009 – 2010, U.S. FDA conducted a survey of currently marketed cosmetic products containing talc – as well as the talc in the cosmetic products, and found no asbestos fibers or structures. FDA continues to monitor new information concerning talc safety. There are epidemiology studies on this subject in the reported literature that should be consulted for further information.

<b>Chemical Name</b>	<b>ACGIH</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>
Proprietary mineral 1		Group 3		X
Proprietary mineral 3	A2	Group 1	Known	X

#### **Legend**

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A2 – Suspected Human Carcinogen

**IARC (International Agency for Research on Cancer)**

Group 1 – Carcinogenic to Humans

Group 3 – Not Classifiable as to Carcinogenicity in Humans

**NTP (National Toxicology Program)**

Known – Known Carcinogen

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X – Present

### **Reproductive toxicity**

May damage fertility or the unborn child

### **Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 4,350.10 mg/kg

## **Section 12 – Ecological Information**

### **Ecotoxicity**

Toxic to aquatic life with long lasting effects.

### **Component Information**

<b>Chemical Name</b>	<b>Algae/aquatic plants</b>	<b>Fish</b>	<b>Crustacea</b>
Talc 14807-96-6		100: 96 h Brachydanio rerio g/L LC50 semi-static	

Benzyl alcohol 100-51-6	35: 3 h Anabaena variabilis mg/L EC50	10: 96 h Lepomis macrochirus mg/L LC50 static 460: 96 h Pimephales promelas mg/L LC50 static	23: 48 h water flea mg/L EC50
Tetrahydrofurfuryl alcohol		3400: 48 h Chaetodonoides mg/L LC50	
Light aliphatic solvent naphtha 64742-48-9		2200: 96 h Pimphales promeias mg/L LC50	2.6: 96 h Chaetogammarus marinus mg/L LC50

#### **Persistence/Degradability**

Not determined

#### **Bioaccumulation**

Not determined

#### **Mobility**

Chemical Name	Partition Coefficient
Proprietary alcohol 1	1.1

#### **Other Adverse Effects**

Not determined

### **Section 13 – Disposal Consideration**

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#### **Waste Treatment Methods**

##### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

##### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### **Section 14 – Transportation Information**

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#### **Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

#### **DOT**

Not regulated

#### **IATA**

Not regulated

#### **IMDG**

Not regulated



### International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/E L INCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary ether 1	X	X	X	X	X	X	X	X
Proprietary resin	X	X	X	X	X	X	X	X
Proprietary mineral 1	X	X	X	X	X	X	X	X
Proprietary alcohol 1	X	X	X	X	X	X	X	X
Proprietary silane	X	X	X	X	X	X	X	X
Proprietary alcohol 2	X	X	X	X	X	X	X	X
Proprietary mineral 2			X		X	X	X	
Proprietary ether 2	X	X	X	X	X	X	X	X
Proprietary solvent	X	X	X		X	X	X	X
Proprietary mineral 3	X	X	X	X	X	X	X	X

#### Legend

**TSCA** – United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** – Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** – Japan Existing and New Chemical Substances

**IECSC** – China Inventory of Existing Chemical Substances

**KECL** – Korean Existing and Evaluated Chemical Substances

**PICCS** – Philippines Inventory of Chemicals and Chemical Substances

**AICS** – Australian Inventory of Chemical Substances

### US Federal Regulations

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CRF 122.21 and 40 CFR 122.42).

### US State Regulation

#### California Proposition 65

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Proprietary mineral 3	Carcinogen

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Proprietary mineral 1	X	X	X
Proprietary alcohol 1		X	X
Proprietary alcohol 2		X	X
Proprietary mineral 3	X	X	X

## Section 16 – Other Information

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### **NFPA**

**Health Hazards**  
Not determined

**Flammability**  
Not determined

**Instability**  
Not determined

**Special Hazards**  
Not determined

### **HMIS**

**Health Hazards**  
Not determined

**Flammability**  
Not determined

**Physical Hazards**  
Not determined

**Personal Protection**  
Not determined

### **Disclaimer**

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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