Safety Data Sheet

Poly Paste, Part B

Section 1 – Identification

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

Section 2 – Hazards Identification

GHS Classification

Acute toxicity – Oral	Category 4
Acute toxicity – Inhalation (Dusts/Mists)	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (repeated exposure)	Category 2
Reproductive toxicity	Category 2

GHS Label Elements

Hazard pictograms:

Signal word: Danger

Hazard Statements:
Harmful if swallowed
Harmful if inhaled
Causes skin irritation
Causes serious eye damage
Suspected of damaging fertility or the unborn child
May cause damage to organs through prolonged or repeated exposure

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
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray

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.
Immediately call a poison center or doctor/physician
IF ON SKIN: Wash with plenty of water and soap
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
Rinse mouth
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

Section 3 – Hazards Identification

CAS	Chemical Name	% By Weight
Proprietary	Proprietary alcohol	20-30
Proprietary	Proprietary diamine 1	10-20
Proprietary	Proprietary mineral 1	5-10
Proprietary	Proprietary phenol 1	1-5
Proprietary	Proprietary amine	1-5
Proprietary	Proprietary diamine 2	1-5

**If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Section 4 – First Aid Measures

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. Immediately call a poison center or doctor/physician.

Skin Contact
Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Inhalation
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if necessary.

Ingestion
Rinse mouth. Drink 1 or 2 glasses of water. Do not vomiting without medical advice. Never give anything by mouth to an unconscious person. Call a poison center or doctor/physician if you feel unwell.

Most important symptoms and effects

Symptoms
Harmful if swallowed. Harmful if inhaled. Causes serious eye damage. Causes skin irritation. 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.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media:
Dry chemical, CO2 or water spray.

Unsuitable Extinguishing Media
Not determined.

Specific Hazards Arising from the Chemical
Not determined.

Hazardous Combustion Products
Carbon monoxide. Carbon dioxide (CO2).

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 – Accidental Release Measures

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. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

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/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter	(vacated) TWA: 2 mg/m³ respirable dust <1% Crystalline silica, containing no Asbestos TWA: 20 mppcf if 1% Quartz or more; use Quartz limit	IDLH: 1000 mg/m³ TWA: 2 mg/m³ containing no Asbestos and <1% Quartz respirable dust
Proprietary diamine 1	Ceiling: 0.1 mg/m³	Ceiling: 0.1 mg/m³	Ceiling: 0.1 mg/m³

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

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

Information on likely routes of exposure

Product Information

Eye Contact
Causes serious eye damage.

Skin Contact
Causes skin irritation.

Inhalation
Harmful if inhaled.

Ingestion
Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary alcohol	= 1230 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 8.8 mg/L (Rat) 4 h
Proprietary polymer	> 2000 mg/kg (Rat)		
Proprietary diamine 1	= 660 mg/kg (Rat)	= 2 g/kg (Rabbit)	= 700 ppm (Rat) 1 h
Proprietary phenol 1	= 580 mg/kg (Rat)	= 2031 mg/kg (Rabbit)	
Proprietary diamine 2	= 910 mg/kg (Rat)		
Proprietary amine	= 2040 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 0.099 mg/L (Rat) 1 h
Proprietary phenol 2	= 1200 mg/kg (Rat)	= 1280 mg/kg (Rat)	

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
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.

Chemical Name	ACGIH	IARC	NTP	OSHA
Proprietary mineral 1		Group 3		X

Legend
IARC (International Agency for Research on Cancer)
Group 3 – Not Classifiable as to Carcinogenicity in Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X – Present

Reproductive toxicity
May damage fertility or the unborn child

STOT – repeated exposure
May cause damage to organs through prolonged or repeated exposure.

Numerical measures of toxicity

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

ATEmix (oral) 1,590.50 mg/kg
ATEmix (dermal) 3,546.20 mg.kg

Section 12 – Ecological Information

Ecotoxicity
Toxic to aquatic life with long lasting effects.

Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
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
Nonylphenol 25154-52-3	0.41: 96 h Pseudokirchneriella subcapitata mg/L EC50 1.3: 72 h Desmodesmus subspicatus mg/L EC50	0.135: 96 h Pimephales promelas mg/L LC50 flow-through	0.17 – 0.21: 48 h Daphnia magna mg/L EC50 Static 0.14: 48 h Daphnia magna mg/L EC50 0.0874 – 0.124: 48 h Daphnia magna mg/L EC50 semi-static
2,2,4(2,4,4)-Trimethyl-1,6- hexanediamine 25620-58-0	29.5: 72 h Desmodesmus subspicatus mg/L EC50	172: 48 h Leuciscus idus mg/L LC50 static	31.5: 24 h Daphnia magna mg/L EC 50
Amines, coco alkyl- 61788-46-3	0.0008: 96 h Desmodesmus subspicatus mg/L EC50	0.24: 96 h Brachydanio rerio mg/L LC50 static 0.16: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	0.045: 48 h Daphnia magna mg/L EC50

Persistence/Degradability
Not determined

Bioaccumulation
Not determined

Mobility

Chemical Name	Partition Coefficient
Proprietary alcohol	1.1
Proprietary phenol 1	3.28
Proprietary diamine 2	0.77

Other Adverse Effects
Not determined

Section 13 – Disposal Consideration

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

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

Section 15 – Regulatory Information

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Proprietary alcohol	X	X	X	X	X	X	X	X
Proprietary polymer	X	X		X	X	X	X	X
Proprietary diamine 1	X	X	X	X	X	X	X	X
Proprietary mineral 1	X	X	X	X	X	X	X	X
Proprietary phenol 1	X	X	X	X	X	X	X	X
Proprietary diamine 2	X	X	X	X	X	X	X	X
Proprietary amine	X	X	X	X	X	X	X	X
Proprietary mineral 2			X		X	X	X	
Proprietary phenol 2	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.

Chemical Name	CAS no.	Weight-%	SARA 313 – Threshold Values %
Nonylphenol – 25154-52-3	25154-52-3	3.09	1.0

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.

U.S. State Right-to-Know Regulations

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

Section 16 – Other Information

NFPA

Health Hazards	Flammability	Instability	Special Hazards
Not determined	Not determined	Not determined	Not determined

HMIS

Health Hazards	Flammability	Physical Hazards	Personal Protection
Not determined	Not determined	Not determined	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.