BEP Blue Barrier Liquid Wrap 2300

MATERIAL SAFETY DATA SHEET

Revision: September 25, 2012

1.PRODUCTS AND COMPANY IDENTIFICATION

Identification of the preparation:

Product Number: BEP 2300
Product Name: BEP Blue Barrier - Liquid Wrap

FOR CHEMICAL EMERGENCY
Call Chem-Tel
1-800-255-3924
24 hrs / 7 days per week
Outside US Call
1-813-248-0585

Company Identification:

Dominus Innovations
2022 N. West Shore Blvd. Suite 200
Tampa, FL 33607
www.BEPproducts.com

Telephone Number: 813-279-1902

2. HAZARDS IDENTIFICATION

Emergency Overview

MAY CAUSE SKIN AND EYE IRRITATION. MAY BE HARMFUL IF INHALED OR SWALLOWED. Do not swallow. Do not get on skin or clothing. Avoid breathing vapor or mist. Avoid contact with eyes. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use. Wash thoroughly with water and soap after handling.

Potential Health Effects

Inhalation:	May be harmful if inhaled. Irritating to respiratory system. Can irritate eyes, nose, mouth and throat.
Ingestion:	May be harmful if swallowed.
Skin:	Irritating to skin. May cause an allergic skin reaction.
Eyes:	Irritating to eyes.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS Number	Percentage
Calcium Carbonate	1317-65-3	20 – 50
Silylated polyether resin	Trade Secret	10 – 40
1,2-Benzenedicarboxylicacid, di-C9-11-branched alkyl esters, C10-rich	68515-49-1	5 - 25
Trimethoxyvinylsilane	2768-02-7	0.5 – 2.5
n-(3-(Trimethoxysilyl)proyl)ethylenediamine	1760-24-3	0.5 – 2.5
Titanium dioxide	13463-67-7	0.5 – 2.5
Silicon dioxide	112945-52-5	0.5 – 2.5
Naptha, petroleum, heavy alkylate	64741-65-7	0.05 – 0.5
Dibutyltin dilaurate	77-58-7	0.05 – 0.5
Aluminum hydroxide	21645-51-2	< 0.1
Amorphous silica	7631-86-9	< 0.1

4. FIRST AID MEASURES

If ingestion, irritation, or any type of overexposure or symptoms of overexposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately. Never give anything by mouth to an unconscious person.

Eye contact: Immediately flush eyes with running water for at least 15 minutes and seek immediate medical attention.

Skin contact: Remove contaminated clothing and wash affected area thoroughly with soap and water or a recognized skin cleanser.

Inhalation: Remove individual to fresh air. If individual is not breathing or if breathing is irregular provide artificial respiration or oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, seek immediate medical attention and provide a copy of this MSDS. Do not induce vomiting.

Notes to physician: Products of decomposition of this product may result in delayed symptoms. Exposed person may need to be kept under medical surveillance for 48 hours.

5. FIRE FIGHTING MEASURES

Extinguishing media: Use any suitable fire extinguishing media for the surrounding fire.

Exposure hazards: Remove all persons from the vicinity of the incident. Water contaminated with this material must be prevented from being discharged to waterways, sewers, or drains.

Products of combustion: May include carbon oxides.
This has hazard class 3 (flammable) , and packing group 2 due to the flash point of **70.8 *F**.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Evacuate surrounding area. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Wear appropriate respirator if ventilation is inadequate. Put on appropriate PPE.

Environmental precautions: Avoid dispersal of spilled material and runoff as well as contact with soil, waterways, drains, and sewers. Inform relevant public service authorities if the above is suspected. May be harmful to the environment if released in large quantities.

Large spill: Approach release from upwind. Prevent entry into sewers, watercourses, basements or confined areas. Contain and collect spilled material with non-combustible, absorbent material e.g. sand, earth, verm iculite, or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste receptacle. Dispose of via a licensed waste disposal contractor.

7. HANDLING & STORAGE

Handling: Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Do not ingest. Do not get in eyes or on skin or clothing. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear an appropriate respirator when ventilation is inadequate. Keep material in the original container and close tightly when not in use. Do not reuse container.

Storage: Store in accordance with local regulations. Store only in the original container. Protect from direct sunlight and keep in a dry, cool, well-ventilated area away from incompatible materials. Keep product tightly closed and sealed until ready to use. Do not store above 120F / 49C.

Shipping: This has hazard class 3 (flammable) , and packing group 2

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Name	Result	ACGIH	OSHA
Titanium Dioxide	TWA	10 mg/m3	15 mg/m3 TD
	STEL	NA	NA
Silicon Dioxide	TWA	NA	NA

8. EXPOSURE CONTROLS /PERSONAL PROTECTION

Engineering measures:	When applying this material in an open system, local exhaust ventilation should be provided to control exposure when rolling, spraying, or curing at elevated temperatures.
Respiratory:	Where exposures exceed the established limit(s) use appropriate respiratory protection.
Eyes:	Wear eye protection such as safety glasses at a minimum.
Skin:	Avoid contact with skin. Wear impervious rubber gloves during application.
Additional:	Food, beverages, and tobacco products should not be consumed or stored where this material is in use. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water.\

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Blue
Odor:	Weak
pH:	N/A
Boiling point:	N/A
Freezing point:	N/A
Specific gravity:	1.4 – 1.6
Vapor pressure:	N/A
Vapor density:	N/A
Percent Volatile:	<1.0% (v/v)

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Avoid excessive heat.
Materials to avoid:	Reactive or incompatible with water, acids, oxidizing materials, and strong alkalis.
Polymerization:	Will not occur.
Hazardous decomposition products:	None known.

11. TOXICOLOGICAL INFORMATION

Ingredient	Species	Result	Dose
Titanium Dioxide	Rat	LD50 Oral	>10 g/kg

Target organs: Contains material which causes damage to the following organs: Upper respiratory tract, skin, eyes.

Carcinogenicity: Contains material which may cause cancer:

Ingredient	ACGIH	IARC
Titanium Dioxide	A4	2B
Silicon Dioxide	-	3

12. ECOLOGICAL INFORMATION

Environmental effects: Not Determined

13. DISPOSAL CONSIDERATIONS

A licensed waste disposal contractor should dispose surplus material. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal should be in accordance with all applicable regional, national and local laws and regulations.

14. OTHER INFORMATION

HMIS: Health – 1 Flammability – 3 Physical hazards – 0

NFPA: Health – 1 Flammability – 3 Reactivity – 0

The information contained within this document was written based on scientific knowledge and understanding of the potential health and safety aspects of the individual components and the mixture thereof at the time of its writing. No warranty or guarantee is given with respect to the properties of the product or its components. No liability can be accepted for any failure to observe precautionary measures as described within this document or for any inappropriate or misuse of the product.