

# MATERIAL SAFETY DATA SHEET

DAUBERT CHEMICAL COMPANY

4700 SOUTH CENTRAL AVENUE  
CHICAGO, ILLINOIS 60638  
TELEPHONE: (708) 496-7350  
FAX: (708) 496-7367

EMERGENCY CONTACT:  
CHEMTREC (800) 424-9300

HMIS HAZARD RATING	
HEALTH	1
FIRE	1
REACTIVITY	0
PERSONAL PROTECTION	X

Date of Review: February 21, 2011  
Date of Preparation: February 13, 2001

Revised: September 14, 2011  
By: R. Lauterbach

## SECTION I: PRODUCT IDENTIFICATION

Product Name: **Coating 932**  
Chemical Family: Asphalt emulsion  
Material Usage: Coating for metal

EMERGENCY OVERVIEW: Water-based product. Alkaline liquid; may be irritating to eyes and skin. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

## SECTION II: COMPOSITION

Component	Wt%	Recommended Exposure Limits (TWA)
Petroleum Asphalt CAS #8052-42-4	48-52	OSHA PEL: 5 mg/m <sup>3</sup> ACGIH TLV: 5 mg/m <sup>3</sup>
Non-Hazardous Surfactant Proprietary	<4	None Established
Clay, Bentonite* CAS #1302-78-9	<8	None respirable
Oil Soluble Calcium Sulfonates CAS #Trade Secret	4-10	OSHA PEL: 5 mg/m <sup>3</sup> ACGIH TLV: 5 mg/m <sup>3</sup>
Water CAS #7731-18-5	40-50	None Listed

Coating 932 [3207]

9/14/11

Page 1 of 4

## SECTION III: ACUTE EFFECTS OF OVEREXPOSURE

**EYE:** Conjunctivitis, irritation, and tearing.  
**SKIN:** Prolonged contact temperatures may result in irritation or inflammation. Allergic skin reactions may occur on occasion and the skin may become sensitized.  
**INGESTION:** May cause nausea, vomiting.

## SECTION IV: CHRONIC EFFECTS OF OVEREXPOSURE

None known.

## SECTION V: OTHER HEALTH EFFECTS

Avoid prolonged and repeated contact with skin.

## SECTION VI: TOXICOLOGY

Acute Oral LD50	No Data Available
Acute Dermal LD50	No Data Available
Acute Inhalation LC 50	No Data Available
Carcinogenicity	No Data Available
Mutagenicity	No Data Available

## SECTION VII: FIRST AID AND EMERGENCY PROCEDURES

**EYE:** Flush with large amounts of water immediately. Eye lids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.  
**SKIN:** Prolonged contact may cause slight irritation. Wash with soap and water. Get medical attention if irritation persists.  
**INGESTION:** May cause nausea, vomiting, contact a physician immediately.

## SECTION VIII: PHYSICAL DATA

Appearance	Brown thixotropic gel
Odor	Mild or Faint Petroleum
Initial Boiling Point (°F)	200-220°F
Vapor Pressure (mm Hg)	760@ 212 °F
Vapor Density (Air = 1)	> 1
Solubility in Water	Dispersible
Specific Gravity (H <sub>2</sub> O = 1)	95-1.05
Volatiles (wt %)	48-53
Evaporation (Ether = 1)	
Viscosity (Brookfield RVT)	70,000 - 110,000 cps. (TD @ 5 RPM) (Typical)
Auto Ignition Temperature	NA
pH	Not Applicable
VOC	0 lbs/gal

Coating 932 [3207]

9/14/11

Page 2 of 4

**SECTION IX: FIRE AND EXPLOSION DATA**

Flash Point (Method Used) NA (Water based)  
Flammable Explosion Limits NA

Fire extinguishing media: NA  
Special Fire Hazards and Fire Fighting Procedures: NA

**SECTION X: REACTIVITY**

Stable: Yes	Unstable: N/A
Conditions to Avoid	Open flame and fume inhalation
Incompatibility	Avoid strong oxidizers.
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Carbon Monoxide, Carbon Dioxide

**SECTION XI: SPILL, LEAK AND DISPOSAL PROCEDURES**

Dike spill area, recover free liquid, and return to container. Add absorbent to spill area.

**SECTION XII: WASTE DISPOSAL METHOD**

This substance, when discarded or disposed of, is not specifically listed as a hazardous waste in federal regulations; however it could be hazardous if it is considered toxic, corrosive, ignitable, or reactive according to federal definitions (40 CFR 261). Additionally, it could be designated as hazardous according to state regulations. This substance could also become a hazardous waste if it is mixed or comes in contact with a hazardous waste. If such contact or mixing may have occurred, check 40 CFR 261 to determine whether it is a hazardous waste. If it is considered hazardous, regulations 40 CFR 262, 263 and 264 apply. The transportation, storage, treatment, and disposal of this waste material must be conducted in compliance with all applicable federal, state, and local regulations.

**SECTION XIII: DOT TRANSPORTATION**

According to DOT regulations, this product is not considered hazardous. Care should be taken to protect from freezing.

**SECTION XIV: PROTECTIVE EQUIPMENT**

**SKIN:** Wear gloves to prevent irritations.  
**EYES:** Wear goggles to prevent irritations.  
**OTHER:** Long sleeved shirt and pants preferred.

*NOTE: Personal protective information shown in section 14 is based upon general information as to normal uses and conditions. Where special or unusual uses or conditions exist, it is suggested that the expert assistance of an industrial hygienist or other qualified professional be sought.*

**SECTION XV: PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE**

Avoid extremes of temperature in storage. Store in tightly closed containers in cool, dry, isolated, well-ventilated area. **Protect from freezing!**

**SECTION XVI: STATE ADDENDUM**

<u>INGREDIENT</u>	<u>CAS NUMBER</u>	<u>NOTES</u>
Asphalt	8052-42-3	A Pennsylvania Hazardous Substance List Material
Asphalt	8052-42-3	A Washington State Permissible Exposure for Air Contaminants material
Asphalt	8052-42-3	Asphalt may contain detectable amounts of chemicals known by the state of California to cause cancer or reproductive harm.

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## HMIS HAZARD RATING

HEALTH	1
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	D

Date of Review: April 28, 2005  
Date of Preparation: September 28, 2001

Revised: November 20, 2006  
By: R. Lauterbach

## SECTION 1: PRODUCT IDENTIFICATION

Product Name: V-DAMP® 3680  
Chemical Family: Water, Additive Blend  
Material Usage: Sound Damping Compound

EMERGENCY OVERVIEW: Water-based product. Alkaline liquid; may be irritating to eyes and skin. Refer to Section 3 for health effects and to Section 5 for fire hazard data.

## SECTION 2: HAZARDOUS INGREDIENTS

Component	Wt%	Recommended Exposure Limits (TWA)
<sup>11</sup> Calcium Carbonate CAS #1317-65-3 and/or CAS #471-34-1	10-15	OSHA PEL: 5 mg/m <sup>3</sup> (respirable fraction) OSHA PEL: 15 mg/m <sup>3</sup> (total dust) ACGIH TLV: 10 mg/m <sup>3</sup> ( <sup>12</sup> nuisance dust)
<sup>11</sup> Hydrous Aluminum Silicate CAS #1332-58-7	3-7	OSHA PEL: 15 mg/m <sup>3</sup> ACGIH TLV: 10 mg/m <sup>3</sup> ( <sup>12</sup> nuisance dust)
<sup>11</sup> Mica CAS #12001-26-2	17-23	OSHA PEL: 20 mppcf ( <sup>12</sup> nuisance dust) ACGIH TLV: 3 mg/m <sup>3</sup>
Cellulose CAS #9004-34-6	3-8	ACGIH TLV: 10 mg/m <sup>3</sup> ( <sup>12</sup> nuisance dust)
<sup>11</sup> Butyl Benzyl Phthalate CAS #85-68-7	2-4	None Established

<sup>11</sup> See Section 3.

<sup>12</sup> This component poses a hazard only if a dust is formed, i.e., by sawing, sanding, drilling, etc

## SECTION 3: HEALTH HAZARD INFORMATION

**Primary Routes of Entry:** Skin absorption, inhalation.

**Acute Effects:** May cause severe eye irritation and reversible skin irritation. Prolonged skin exposure may cause dermatitis or oil acne. Breathing mists may cause pulmonary irritation or dizziness. Excessive inhalation may produce dizziness, nausea, headache, and incoordination.

**Chronic Effects:** Not Determined

**Carcinogenicity:** Calcium Carbonate, Hydrous Aluminum Silicate, and Mica may contain less than 0.1% of Silica Crystalline Quartz (CAS #14808-60-7). IARC Monographs on the evaluations of the Carcinogenic Risk of Chemicals to Humans (Volume 42, 1987) concludes that there is "limited evidence" of the carcinogenicity of crystalline silica to humans. IARC classification 2A.

**Butyl Benzyl Phthalate** - Female rats fed benzyl phthalate in long-term (2 year) studies conducted by the National Toxicology Program (NTP) were reported to show an increased frequency of mononuclear cell leukemia, a common spontaneous disease in the test strain of rat. For this reason, NTP concluded that benzyl phthalate was "probably carcinogenic" for these rats. Male rats in these studies were terminated after 6 months due to excessive treatment related deaths. Mice fed butyl benzyl phthalate (2 years) had no increase in tumors. Butyl benzyl phthalate has produced no genetic changes in standard tests using animal, bacterial and yeast cells.

**Pre-Existing Medical Conditions Aggravated by Exposure:** Exposure may aggravate pre-existing respiratory or skin problems.

## SECTION 4: FIRST AID PROCEDURES

**Inhalation:** Move victim to fresh air and call emergency medical care. If not breathing, give artificial respiration; if breathing is difficult, give oxygen.

**Eyes:** In case of contact with material, immediately flush eyes with running water for at least 15 minutes. Seek immediate medical attention.

**Skin:** Wash skin with soap and water. Remove and isolate contaminated clothing and shoes at the site.

**Ingestion:** DO NOT INDUCE VOMITING. Consult a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

## SECTION 5: FIRE AND EXPLOSION HAZARD DATA

**Flash Point:** Not Applicable (Water Based Fluid)

**Explosive Limits:** LEL = Not Determined UEL = Not Determined

**EXTINGUISHING MEDIA:**

Small Fires: Dry chemical, CO<sub>2</sub>, water spray, or regular foam.

Large Fires: Water spray, fog, or regular foam. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out

**Special Firefighting Protection/Emergency Action:** Fire may produce irritating or poisonous gases. Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide limited protection.

**Unusual Fire/Explosion Hazards:** None

**Products of Combustion:** Carbon monoxide, carbon dioxide, miscellaneous hydrocarbons.

## SECTION 6: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**Steps to be taken in case Material is Released or Spilled:** Shut off ignition sources; no flares, smoking or flames in hazard area. Stop leak if you can do it without risk.

**Small Spills:** Take up with sand or other noncombustible absorbent material and place into containers for later disposal.

**Large Spills:** Dike far ahead of liquid spill for later disposal.

**SECTION 7: SAFE HANDLING INFORMATION**

**Precautions To Be Taken In Handling/Storage:** Store in cool, well-ventilated area. Keep away from flames, sparks or hot surfaces. Never use a torch to cut or weld on or near container. Empty containers can contain explosive vapors. **Other Precautions:** Never wear contaminated clothing. Launder or dry clean before wearing. Discard oil-soaked shoes. Wash thoroughly with soap and water (waterless hand cleaner may be helpful in removing residues) after use and before smoking or eating. Avoid excessive skin contact.

**SECTION 8: EXPOSURE CONTROLS**

**Respiratory Protection:** NIOSH-approved respirator for organic vapor and mist to control exposure where ventilation is inadequate.

**Ventilation:** General and local exhaust.

**Personal Protective Equipment:**

**Protective Gloves:** Impervious gloves (Viton, PVOH, etc.)

**Eye Protection:** Safety glasses with sideshields or chemical goggles.

**Other Protective Clothing or Equipment:** If splashing is anticipated, wear rubber apron and boots or other protective equipment to minimize contact.

**SECTION 9: REACTIVITY HAZARD DATA**

**Stability:** Stable

**Incompatibility:** Strong acids, oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, miscellaneous hydrocarbons.

**Hazardous Polymerization:** Will not occur.

**SECTION 10: PHYSICAL AND CHEMICAL PROPERTIES**

Color:	Off-White
Appearance:	Viscous Mastic
Odor:	Mild
Boiling Point (initial):	212°F.
Evaporation Rate (water=1):	1
Vapor Pressure (mmHg @ 20°C):	Not Determined
Vapor Density (air=1):	>1
Solubility in Water:	Miscible
Specific Gravity:	1.34
pH:	Not Determined
Percent Volatile by Volume:	65

**SECTION 11: DISPOSAL CONSIDERATIONS**

**Waste Disposal Methods:** Dispose of in accordance with state, local and federal regulations. Materials may become a hazardous waste through use. If permitted, incineration may be practiced. Consider recycling solvent.

**SECTION 12: REGULATORY INFORMATION**

Volatile Organic Content: (Calculated Values)

VOC per gallon:

0 lbs/gal

EPA Hazardous Waste Number(s) (40 CFR Part 261):

Not Applicable

EPA Hazard Category (40 CFR Part 370):

DELAYED (CHRONIC)

**SARA TITLE III:**

This product contains the following TOXIC CHEMICALS subject to the Reporting Requirements of Sec. 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and of 40 CFR Part 372:

Chemical	CAS No.	Wt%
Butyl Benzyl Phthalate	85-68-7	2-4

This product contains the following EXTREMELY HAZARDOUS SUBSTANCE(S) subject to Emergency Planning Requirements under Sec. 301-303 (40 CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:

Chemical	CAS No.	Wt%	RO/TPO Lbs
None			

This product contains the following (CERCLA LIST) HAZARDOUS SUBSTANCE(S) subject to Emergency Release Notification Requirements under Sec. 304 (40 CFR Part 302):

Chemical	CAS No.	Wt%	Final RO Lbs
Butyl Benzyl Phthalate	85-68-7	2-4	100

**CALIFORNIA PROPOSITION 65:**

This product contains chemicals that are identified by the State of California under the Safe Drinking Water and Toxic Reinforcement Act of 1986 ("Proposition 65") as either a carcinogenic or reproductive hazard:

*Contains: Butyl Benzyl Phthalate 85-68-7 2-4%*

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