

# MATERIAL SAFETY DATA SHEET

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## HMIS HAZARD RATING

HEALTH	1
FIRE	0
REACTIVITY	0
PERSONAL PROTECTION	D

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By: Matt Longo

## SECTION I: PRODUCT IDENTIFICATION

Product Name: **V-DAMP® 3771G**  
Chemical Family: Water, Additive Blend  
Material Usage: Sound Dampening 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 II: HAZARDOUS INGREDIENTS

Component	Wt%	Recommended Exposure Limits (TWA)
<sup>[1][2]</sup> Calcium Carbonate CAS #1317-65-3 and/or CAS #471-34-1	18-28	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> (nuisance dust)
<sup>[1][2]</sup> Hydrous Aluminum Silicate CAS #1332-58-7	14-21	OSHA PEL: 15 mg/m <sup>3</sup> ACGIH TLV: 10 mg/m <sup>3</sup> (nuisance dust)
<sup>[1][2]</sup> Mica CAS #12001-26-2	7-12	OSHA PEL: 20 mg/m <sup>3</sup> (nuisance dust) ACGIH TLV: 3 mg/m <sup>3</sup>
<sup>[1]</sup> Butyl Benzyl Phthalate CAS #85-68-7	2-4	None Established

<sup>[1]</sup>See Section 3.

<sup>[2]</sup>This component poses a hazard only if the liquid dries and a dust is formed.

## SECTION III: 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.

**Chronic Effects:** Not Determined

**Carcinogenicity:** Calcium Carbonate, Hydrated 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 rates fed Butyl Benzyl Phthalate in long-term (2-year) studies conducted by the National Toxicology Program (NTP) were reported to show an increased frequency on mononuclear cell leukemia, a common spontaneous disease in the test strain of rat. For this reason, NTP concluded that Butyl Benzyl Phthalate was "probably carcinogenic" for these rats. Male rates 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 IV: 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 V: FIRE AND EXPLOSION HAZARD DATA

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

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

**EXTINGUISHING MEDIA:** (Dry Coating)

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

Large Fires: Water spray, fog, or regular foam.

**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 VI: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

**Steps to be taken in case Material is Released or Spilled:** 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 VII: SAFE HANDLING INFORMATION

**Precautions To Be Taken In Handling/Storage:** Store in cool, well-ventilated area.

**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 VIII: EXPOSURE CONTROLS

**Respiratory Protection:** Dust mask to block mists if present.

**Ventilation:** General and local exhaust.

**Personal Protective Equipment:**

Protective Gloves: Impervious gloves.

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 IX: PHYSICAL AND CHEMICAL PROPERTIES

Color: Beige / Light Gray

Appearance: Thixotropic Paste

Odor: Mild

Boiling Point (initial): 212°F.

Evaporation Rate (n-Butyl Acetate=1): 1

Vapor Pressure (mmHg @ 20°C): Not Determined

Vapor Density (air=1): >1

Solubility in Water: Miscible

Specific Gravity: 1.47

pH: Not Determined

Percent Volatile by Volume: 59

## SECTION X: REACTIVITY HAZARD DATA

**Stability:** Stable

**Incompatibility:** Strong acids

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

**Hazardous Polymerization:** Will not occur.

## SECTION XI: TOXICOLOGICAL INFORMATION

None Known

## SECTION XII: ECOLOGICAL INFORMATION

None Known

## SECTION XIII: 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.

## SECTION XIV: TRANSPORTATION INFORMATION

**Rust Inhibitor / Non-Hazardous**

**SECTION XV: REGULATORY INFORMATION**

**Volatile Organic Content: (Calculated Values)**

VOC per gallon: 0 lbs/gal

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

Not Applicable

**EPA Hazard Category (40CFR 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 40CFR 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 the *Emergency Planning Requirements under Sec. 301-303 (40CFR Parts 300 and 355) and Emergency Release Notification Requirements under Sec. 304:*

CHEMICAL	CAS NO.	WT %	RQ/TPQ Lbs
NONE			

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

CHEMICAL	CAS NO.	WT %	Final RQ 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%

**SECTION XVI: OTHER INFORMATION**

Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.