

Using Your Master Spill Kit

Biological Spills

Always use proper personal protective equipment, including safety eyewear, utility gloves, mask and long-sleeved clothing when cleaning a biological spill.

1. Open the BioSponge® powder included in your kit.
2. Sprinkle the powder over the spill.
3. Use the included pan and scooper to pick up the spill.
4. Place the spill material in a red biohazard bag and seal tightly.
5. Clean and disinfect the area using an **approved hospital grade disinfectant/cleaner**.
6. Dispose of wastes in accordance with federal, state, provincial and local regulations.

Absorbent powder refills may be ordered through your local supplier using the following code:
BIOR: BioSponge® Powder (8oz)

Chemical Spills

Always use proper personal protective equipment, including safety eyewear, utility gloves, mask and long-sleeved clothing when cleaning a chemical spill.

1. Open the ChemSponge® powder included in your kit.
2. Sprinkle the powder over the spill.
3. Use the included pan and scooper to pick up the spill.
4. Place the spill material in a black disposal bag and seal tightly.
5. Dispose of wastes in accordance with federal, state, provincial and local regulations.

Absorbent powder refills may be ordered through your local supplier using the following code:
CEMR: ChemSponge® Powder (16oz)

Mercury Spills

Always use proper personal protective equipment, including safety eyewear, utility gloves, mask and long-sleeved clothing when cleaning a chemical spill.

1. Open the MercSponge® powder included in your kit.
2. Sprinkle the powder over the spilled mercury. **Wet spill powder with water and scrub into spill using the pad contained in your spill kit.**
3. Continue to scrub until no liquid is observed. If needed, add more powder and water to complete solidification.
4. Use the included magnetic tool to pick up the solidified mercury.
5. Place the spill material in a black disposal bag and seal tightly.
6. Dispose of wastes in accordance with federal, state, provincial and local regulations.

Absorbent powder refills may be ordered through your local supplier using the following code:
MER: MercSponge® Powder (12oz)



1919 Federal Blvd.
Ann Arbor, Michigan 48103
www.compliancetrainingpartners.com

888-388-4782
Fax 248-919-5528

M&B ENTERPRISES

Safety Data Sheet

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Section 1: Identification of the material and supplier

Product Identifier –**ChemSponge™**

Product use-Absorbent (General)

Manufacturer Name -M&B Enterprises

Address- 3007 Kingston Rd Suite 215

City: Toronto Province: Ontario

Country: Canada Postal Code M1M 1P1

416 289 4740 Ext. 1

Emergency Telephone

Date SDS prepared: July 8, 2014 SDS prepared by William Murray Phone 416 570 0665

Section 2: Hazard(s) Identification

Eye Contact: *Airborne dust may cause irritation of eyes.*

Inhalation: If inhaled in form of dust, oral cavity and throat irritation.

Ingestion: Will cause irritation in the mouth, throat, stomach and digestive track.

Summary: Prolonged and repeated exposure to excessive concentrations of this products dust or any nuisance dust can cause chronic pulmonary disease. Single exposure will not result in serious adverse effects.

Naturally Occurring Diatomaceous Earth: 100% (typical Analysis= 67 % Silicon dioxide) CAS number 61790-53-2

Osha Pel: See Section 7. Species and route. N/av

Free Crystalline Silica or Silica quartz: (occurs naturally in Diatomaceous Earth) 1% CAS number 14808-60-7

Osha Pel: See Section 7 Species and route , N/av

For sampling of silica susts refer to NIOSH analytical Method 7500 or OSHA method ID 142

Section 4: First-Aid Measures

Eye Contact: Rinse eyes thorough with large amounts of water for at least 15 minutes including under lids to remove all particles. May cause inflammation and irritation.rns.

Skin Contact: May cause dryness. Remove contaminated clothing. Wash with soap and water until clean. Use moisture renewing lotions if dryness persists. Product is not absorbed through or by the skin.

Inhalation: Move person to fresh air. Acute inhalation can cause dryness of the nasal passage and congestion of the upper respiratory tract. Seek medical attention for discomfort or if coughing do not subside.

Ingestion: Do not induce vomiting. Have person drink plenty of water to reduce bulk and drying effects. Short time exposure not considered harmful.

Section 5: Fire-Fighting Measures

Fire and Explosive Hazard	None	Upper Flammability Limit (% by volume)	N/ap
Auto-Ignition Temperature:	N/ap,	Lower Flammability Limit (% by volume)	N/ap
Flash Point Method.	Non Flammable	Special Procedures	N/ap
Unusual Fire and Explosive Hazards,:	N/ap	Sensitivity to Static Discharge	No
Extinguisher Medium:	N/ap	Flammability Limits in Air	N/ap

Section 6: Accidental Release Measures

Avoid creating further dust. Vacuum with equipment fitted with a filter. Alternatively wet sweep or wash away. Dispose of in accordance with local state, provincial and Federal Regulations.

Section 7: Handling and Storage

Avoid creating dust. Repair or properly dispose of broken containers. Use wet process or enclosed handling. Store in a dry place to maintain. Keep containers closed and in good condition. Repair damaged containers.

Section 8: Exposure Controls/Personal Protection

Permissible Exposure Limits (For airborne, nuisance dusts)	OSHA PEL 8 hr TWA	ACGIH TVL	OHS 8 hr TVA	OHS STEL
Diatomaceous Earth				
Total dust	15 mg/m	Not detected	4mg/m3	N/a
Respirable dust	5mg/m3	Not detected	1.5mg/m3	n/a
Crystalline quartz (respirable)	0.1 mg/m3	0.1 mg/m3	0.225mg/m3	n/a

Effects of Chronic Exposure to product: Exposure to quantities of crystalline silica dust, in the forms of quartz cristobalite or tridymite may be occur when in the presence of airborne dust. If the dust concentration levels are in excess of the OSHA permissible limit (PEL-TWA 8hr) of 0.05 mg/m3 or the ACGIH threshold limit value (TVL) of 0.05 mg/m3, the crystalline silica present is a know cause of silicosis, a progressive sometimes fatal lung disease.

Personal Protective Equipment:

Gloves:	not needed
Eye:	Use protective goggles in high dust conditions
Footwear:	As required on the job site.
Clothing:	Wear coveralls in high dust conditions.
Respirator:	Avoid breathing dust. Use a NIOSH respirator when dust limits are in excess of OSHA Limits.

Section 9: Physical and Chemical Properties

Physical State:	Solid	Evaporation Rate	N/ap
Appearance:	Buff Grey	PH in Water	N/ap.
Odor	None	Boiling point	N/ap.
Vapor Pressure	N/ap.	Freezing point	N/AP
Vapor Density	N/ap.	Density(20 Celcius)	35lbs/cu. Ft +/-5
Specific Gravity	0.630lb/cu. Ft.	Solubility in Water	Insoluble forms. Colloidal suspension
PH	5.5-6.5		

Section 10: Stability and Reactivity

Chemical Stability (If no, under which conditions)	yes
Incompatibility with other substances	yes Hydrofluoric Acid –silica may react violently
Reactivity, and under what conditions.	N/ap
Hazardous Decomposition Products	N/ap
Conditions to avoid	None in designed use

Section 11: Toxicological Information

Primary Entry Routes:

Eyes	may cause temporary irritation or inflammation.
Skin	may cause dryness with continued exposure.
Ingestion	Not considered harmful, by mouth, throat, and /or stomach. Minor irritation may occur.
Inhalation	Persistent dry cough throat irritation and labored breathing on exertion symptomatic of exposure to airborne dust. Exposure may aggravate existing upper respiratory tract diseases such as asthma, bronchitis or emphysema. Acute (short Term) exposure to dust levels exceeding the PEL may cause irritation of respiratory tract resulting in a dry cough. Eyes My develop redness and become itchy. Chronic (long term) exposure to crystalline silica contained by airborne diatomaceous earth where levels are higher than TLV"S may lead to the development of silicosis, or other forms of respiratory problems.

Section 12: Ecological Information* (non-mandatory)

- Product is generally considered chemically inert in the environment. Used product that has become contaminated may have significantly different characteristics than uncontaminated product and should be re-evaluated accordingly. Dispose of in accordance with local state provincial and federal regulations

Section 13: Disposal Considerations* (non-mandatory)

- Not mandatory but keep section in document and leave empty/blank

Section 14: Transport Information* (non-mandatory)

- Not regulated by DOT

Section 15: Regulatory Information* (non-mandatory)

- Not mandatory but keep section in document and leave empty/blank

Section 16: Other Information

- **Section 16, Other information**, includes the date of preparation or last revision.

*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15(29 CFR 1910.1200(g)(2)).

M&B ENTERPRISES

Safety Data Sheet

Section 1: Identification of the material and supplier

Product Identifier -**MercSponge™**

Product use-Absorbent/Liquid Mercury

Manufacturer Name -M&B Enterprises

Address- 3007 Kingston Rd Suite 215

City: Toronto Province: Ontario

Country: Canada Postal Code M1M 1P1

24-hour Emergency Telephone number (CANUTEC) (613) 996 6666

Date SDS prepared: , October 9,2016. SDS prepared by Health and Safety M&B Enterprise Phone 416 570 0665

Section 2: Hazard(s) Identification



Signal Word Warning:

Eye Contact: *Airborne dust may cause irritation of eyes.*

Skin Contact: May cause irritation of skin if Repeated contact can aggravate existing dermatitis, or sensitivity of skin.

Inhalation: If inhaled more dust levels exceeding the PEL., may cause and throat and oral cavity irritation.

Ingestion: Will cause irritation in the mouth, throat, stomach and digestive track. May cause nausea, vomiting and possible burns

Section 3:Composition-Information on Ingredients

Copper Sulphate: CAS number, 7440-50-8, **Zinc Oxide** CAS number 7440-66-6 ,
Sulfamic Acid -CAS number 5329-14-6, **Black Iron Oxide**, CAS number 7439-89-6

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Section 4: First-Aid Measures

Eye Contact: Rinse eyes thorough with water for at least 20 minutes including under lids to remove all particles. Seek immediate medical attention.

Skin Contact: Wash with cool water and a ph neutral soap or a mild skin detergent. Seek Medical attention for rash, burns or irritation. Remove all contaminated clothing and launder before using.

Inhalation: Move person to fresh air. Seek medical attention for discomfort or if coughing.

Ingestion: Do not induce vomiting. Seek medical attention immediately,

Section 5: Fire-Fighting Measures

Fire and Explosive Hazard

Auto-Ignition Temperature: N/A,

Flash Point N/A
Unusual Fire and Explosive Hazards,: None
Extinguisher Medium: Water
Flammability Limits in Air N/A

Section 6: Accidental Release Measures

For clean-up, Isolate hazard area and restrict access. Ventilate area.
Contain spill of powders and avoid actions that cause the powder to become air borne. Sweep up and put into a container. Wear appropriate protective equipment as described in Section 8. Do not dispose of powder down sewage or drainage systems
Dispose of spill powders in appropriate sealed containers according to Federal, State, Provincial and local regulations.

Section 7: Handling and Storage

Store in tightly closed containers in cool, dry, well-ventilated area away from heat, sources of ignition and incompatibles. Water Reactive: Some hydrogen may release, keep product in a dry environment till used. Do not stack skids on top of another. Handle with care when lifting full cartons of product to avoid strains to the back, arms and legs.

Section 8: Exposure Controls/Personal Protection

Wear protective clothing as required in HazMat use. Use NIOSH respirator if dust is above expose limits, wear goggles, and gloves. Promptly remove and launder clothing that is dusty with product. Thoroughly wash skin after exposure to dust

Section 9: Physical and Chemical Properties

Physical State:	Solid (Powder)	Evaporation Rate	NA.
Appearance:	Grey	PH in Water	NA.
Odor	None	Boiling point	Specific Gravity 3.10
Vapor Pressure	NA.	Freezing point	None. Solid
Vapor Density	NA.	Viscosity	None. Solid
Solubility in Water	6% Hydrogen may release		

Section 10: Stability and Reactivity

Stable, conditions to avoid, Contact with strong alkalis, acids, chlorine, cyanide, hypochlorite's, May release SO₂, SO₃, AND NH₃. Compounds Hazardous Decomposition Zinc vapor.

Section 11: Toxicological Information

Route of Entry: Skin Contact: Eye Contact: Acute Inhalation: Ingestion:
Eye Contact: *Airborne dust may cause irritation of eyes.*
Skin Contact: May cause irritation of skin if exposed to large amounts of powder.
Inhalation: If inhaled in form of dust, oral cavity and throat irritation.
Ingestion: Will cause irritation in the mouth, throat, stomach and digestive track
Chronic: none

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Section 13: Disposal Considerations* (non-mandatory)
<ul style="list-style-type: none"> ▪
Section 14: Transport Information* (non-mandatory)
<ul style="list-style-type: none"> ▪
Section 15: Regulatory Information* (non-mandatory)
<ul style="list-style-type: none"> ▪
Section 16: Other Information
<ul style="list-style-type: none"> ▪ Section 16, Other information, includes the date of preparation or last revision. ▪ Date of preparation: October 7,2016

*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15(29 CFR 1910.1200(g)(2)).

MERCURY RECOVERY SERVICES

After extensive research, these are the companies that best address mercury in the dental/medical office. While both these companies provide documentation of receipt and recycling, we recommend that you maintain a log of your date of shipment, quantity of waste shipped, and destination (recycler's address).

Other valuable sources of information include state departments of environmental protection as well as the American Dental Association. Please feel free to contact HPTC with any additional questions at 888-388-4782

Bethlehem Apparatus Company, Inc.
890 Front Street
P.O. Box Y
Hellertown, PA 18055
610-838-7034
Fax: 610-838-6333
Website: www.bethlehemapparatus.com
Email: info@bethlehemapparatus.com

Maguire & Strickland Refining, Inc.
1290 81st Avenue NE
Minneapolis, MN 55432
800-486-2858
Fax: 763-786-7793
Website: www.maguireref.com
Email: admin@maguireref.com



M&B ENTERPRISES

Safety Data Sheet

Page one

Section 1: Identification of the material and supplier

Product Identifier –**BioSponge™**
Product use-Absorbent (General)
Manufacturer Name -M&B Enterprises
Address- 3007 Kingston Rd Suite 215
City: Toronto
Province: Ontario
Country: Canada Postal Code M1M 1P1
Tel: 416 289 4740 Ext. 1
Emergency Telephone: Phone 416 570 0665
Date SDS prepared: July 8, 2014 SDS prepared by Health & Safety Department

Section 2: Hazard(s) Identification

Eye Contact: *Airborne dust may cause irritation of eyes.*

Inhalation: If inhaled in form of dust, oral cavity and throat irritation.

Ingestion: Will cause irritation in the mouth, throat, stomach and digestive track.

Summary: Prolonged and repeated exposure to excessive concentrations of this products dust or any nuisance dust may cause serious medical conditions. Single exposure will not result in serious adverse effects.



WARNING=DANGER

Irritant



Reproductive/Target Organ Toxicity
Respirator Sensitizer
Carcinogen

Section 3: Composition / Information on Ingredients

CHEMICAL IDENTITY	CONCENTRATION	CAS#/NA#/UN#	LD(50)	LC(50)
DIAMATOMACEOUS EARTH	60 - 100 %	61790-53-2	SEE BELOW	N/Av.
FREE CRYSTALLINE SILICA OR SILICA QUARTZ	0.1 – 1.0 %	14808-60-7	SEE BELOW	N/AV.
PORTLAND CEMENT	100%	65997-15-1	SEE BELOW	N/a
CALCIUM OXIDE	1-5%	1305-78-8	SEE BELOW	N/a
CHROMATES	TRACE	7440-47-3	SEE BELOW	N/a
CRYSTALLINE SILICA	0.1-1 %	14808-60-3	SEE BELOW	N/a
CALCIUM OXIDE	90TO 100 WT.	1305-78-8	SEE BELOW	N/A
CRYSTALLINE SILICA QUARTZ	0A 0.1OR 0.1 A1 (NOTE 1)	14808-60-7	SEE BELOW	N/A
GYPSUM PLASTER	26499-65-0	65 WT. %	SEE BELOW	N/a
CRYSTALLINE SILICA (SAND)	14808-60-7	25% WT.	SEE BELOW	N/a
GYPSUM (CASO4.2H2O)	10WT.	10 WT.	SEE BELOW	N/a
ALL OTHER INGREDIENTS OF THIS PRODUCT ARE EXEMPT FROM BEING REPORTED UNDER HAZARDOUS PRODUCTS ACT AND CONTROLLED PRODUCT REGULATIONS				
				Page two

For sampling of silica dusts refer to NIOSH analytical Method 7500 or OSHA method ID 142

Section 4: First-Aid Measures

Eye Contact:

Rinse eyes thorough with large amounts of water for at least 15 minutes including under lids to Remove all particles. May cause inflammation and irritation.rns.

Skin Contact: May cause dryness. Remove contaminated clothing. Wash with soap and water until clean. Use moisture renewing lotions if dryness persists. Product is not absorbed through or by the skin.

Inhalation: Move person to fresh air. Acute inhalation can cause dryness of the nasal passage and congestion of the upper respiratory tract. Seek medical attention for discomfort or if coughing do not subside.

Ingestion: Do not induce vomiting. Have person drink plenty of water to reduce bulk and drying effects. Short time exposure not considered harmful.

Section 5: Fire-Fighting Measures

Fire and Explosive Hazard	None	Upper Flammability Limit (% by volume)	N/ap
Auto-Ignition Temperature:	N/ap,	Lower Flammability Limit (% by volume)	N/ap
Flash Point Method.	Non Flammable	Special Procedures	N/ap
Unusual Fire and Explosive Hazards,:	N/ap	Sensitivity to Static Discharge	No
Extinguisher Medium:	N/ap	Flammability Limits in Air	N/ap

Section 6: Accidental Release Measures

Avoid actions that create further dust. Vacuum with equipment fitted with a filter. Alternatively wet sweep and put in approved Haz-Mat containers for proper disposal.

Wear appropriate protective equipment as described in Section 8

Dispose of in accordance with local municipalities, state, provincial and Federal Regulations.

Section 7: Handling and Storage

Avoid creating dust. Repair or properly dispose of broken containers. Use wet process or enclosed handling. Store in a dry place to maintain. Keep containers closed and in good condition. Repair damaged containers.

Section 8: Exposure Controls/Personal Protection

Permissible Exposure Limits (For airborne, nuisance dusts)	OSHA PEL 8 hr TWA	ACGIH TVL	OHS 8 hr TWA	OHS STEL
Bio_Set				
Total dust	15 mg/m	Not detected	4mg/m3	N/a
Respirable dust	5mg/m3	Not detected	1.5mg/m3	n/a
Crystalline quartz (respirable)	0.1 mg/m3	0.1 mg/m3	0.225mg/m3	n/a

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Effects of Chronic Exposure to product: Exposure to quantities of crystalline silica dust, in the forms of quartz cristobalite or tridymite may be occur when in the presence of airborne dust. If the dust concentration levels are in excess of the OSHA permissible limit (PEL-TWA 8hr) of 0.05 mg/m3 or the ACGIH threshold limit value (TVL) of 0.05 mg/m3, the crystalline silica present is a know cause of silicosis, a progressive sometimes fatal lung disease.

Personal Protective Equipment:

Gloves:	Use approved gloves
Eye:	Use protective goggles in high dust conditions
Footwear:	As required on the job site.
Clothing:	Wear coveralls in high dust conditions.
Respirator:	Avoid breathing dust. Use a NIOSH respirator when dust limits are in excess of OSHA Limits.

Section 9: Physical and Chemical Properties

Physical State:	Powderly	Evaporation Rate	N/ap
Appearance:	Grey	PH in Water	N/ap.
Odor	None	Boiling point	N/ap.
Vapor Pressure	N/ap.	Freezing point	N/AP
Vapor Density	N/ap.	Viscosity	None-solid
Specific Gravity	0.630lb/cu. Ft.	Solubility in Water	None
PH	0.630 lb/cu ft.		

Section 10: Stability and Reactivity

Chemical Stability (If no, under which conditions)	yes
Incompatibility with other substances	yes Hydrofluoric Acid –silica may react violently
Avoid contact with any strong acids	
Reactivity, and under what conditions.	N/ap
Hazardous Decomposition Products	N/ap
Conditions to avoid	None in designed use

Section 11: Toxicological Information

Primary Entry Routes:

Eyes-	may cause temporary irritation or inflammation.
Skin-	may cause dryness with continued exposure.
Ingestion-	Not considered harmful, by mouth, throat, and /or stomach. Minor irritation may occur.
Inhalation	Persistent dry cough throat irritation and labored breathing on exertion symptomatic of exposure to airborne dust.

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Exposure may aggravate existing upper respiratory tract diseases such as asthma, bronchitis or emphysema. Acute

Term) exposure to dust levels exceeding the PEL may cause irritation of respiratory tract resulting in a dry cough. Eyes may develop redness and become itchy. Chronic (long term) exposure to crystalline silica contained by airborne diatomaceous earth where levels are higher than TLV'S may lead to the development of silicosis, or other forms of respiratory problems.

Section 12: Ecological Information

- Product is generally considered chemically inert in the environment. Used product that has become contaminated may have significantly different characteristics than uncontaminated product and should be re-evaluated accordingly. Dispose of in accordance with local state provincial and federal regulations

Section 13: Disposal Considerations

- All product should be disposed in accordance with State, Federal, Local, Municipal, Regional, and Provincial Regulations. Please consult local regulations before disposal.

Section 14: Transport Information

- Canada: TDG Regulations: Not Regulated
- USA: DOT Regulations: Not Regulated

Section 15: Regulatory Information

- WHMIS Regulations, this product is not regulated under WHMIS guidelines
- This product contains no toxic chemicals subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 (SARA 313 - Toxic Chemical Release Reporting).
- EPA SARA 311/312 Hazard Classification: This product is considered hazardous under OSHA and SARA Title III, Section 301. Category: Chronic Health.
- CERCLA Section 103: This product is not subject to CERCLA reporting requirements as it is sold. Refer to CERCLA regulations to determine if used product mixed with other
- Chemicals or materials may be reportable. Many states have more stringent release reporting requirements. Reports spills required under federal, state and local regulations.
- EPZ Toxic Substance Control Act (TSCA): All of the ingredients are listed on the TSCA Chemical Substances Inventory.
- DOT Marine Pollutants: This product does not contain Marine Pollutants as defined in 49 CFR 171.8.

Section 16: Other Information

- Date SDS prepared: July 8, 2014 SDS prepared by Health & Safety Department

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