

Using Your Mercury Spill Kit

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.

*A list of mercury recovery services is included in this kit.

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

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)
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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

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