

SAFETY DATA SHEETS

This SDS packet was issued with item:

077277189

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

077277676



MATERIAL SAFETY DATA SHEET

(Revision: 06/01/2011)

1. Identification of the Substance/Preparation and of the Company/Undertaking.

- Product Type: Additive to increase hardness of Gypsum used by dental laboratory.
- Trade Name: **Gypsum Hardener**

- Company: **Whip Mix Corporation**
361 Farmington Ave.
Louisville, Kentucky, USA 40209
Emergency Telephone Number: (502)-637-1451
Fax Number: (502) 634-4512


Transportation *CHEMTREC 1(800) 424-9300 (U.S. and Canada)*

Emergencies: *International Calls: 1- 703-527-3887 (Collect calls accepted)*

2. Hazard Identification.

- Should not be a hazard under normal use.
- Personal protective equipment: none required during normal laboratory use.
- Prevent inhalation exposure to excessive dust (if mixture dries out). May result in lung damage.
- Eye contact: Can cause transient irritation

3. Composition/Information on Ingredients.

Substance	Concentration, %	CAS	R	Symbol	S
Colloidal Silica (amorphous)	10 – 20%	112926-00-8	None		None
Ethyl Alcohol	4%	64-17-5	R11		S2+, S7+, S16

4. First-Aid Measures.

- This product has no known acute toxic effects which would require emergency first-aid measures.
- For eye contact, rinse with water and call a physician, if irritation persists.

5. Fire-Fighting Measures.

- Unusual fire and explosion hazard: Contact with reactive metals (e.g.: aluminum) or alkaline materials may result in the generation of flammable hydrogen gas or toxic fumes.

6. Accidental Release Measures.

- Do not allow liquid to dry. Cleanup with absorbent paper towels.

7. Handling and Storage.

Handling: No special treatment required.

Storage: Keep container closed.

8. Exposure Controls/Personal Protection.

	<u>OSHA, PEL</u>	<u>ACGIH, TLV, 2011</u>
Amorphous Silica	*	Withdrawn
Ethyl Alcohol	1,000 ppm	1,000 ppm

*Exposure limit to dried dust: 6 mg/m³ as 8 hr TWA.

<p>9. Physical and Chemical Properties.</p> <ul style="list-style-type: none"> • Translucent odorless liquid Density 10.0 -10.3 lbs/gal Solubility in water Dispersible Specific gravity 1.0 -1.2 @ 77°F pH 2.5 -3.0 Viscosity Max 6.0 cps @ 77°F Boiling point 212°F @ 760 mm Hg Flash point None • No dangerous reactions are known to occur with correct handling and storage. 	
<p>10. Stability and Reactivity.</p> <ul style="list-style-type: none"> • Basically stable. Avoid contact with aluminum or alkaline materials. 	
<p>11. Toxicological Information.</p> <ul style="list-style-type: none"> • Acute oral toxicity (albino rats): LD₅₀ = Greater than 34,000 mg/kg • Acute dermal toxicity (albino rabbits): LD₅₀ = Greater than 10,000 mg/kg • Primary skin irritation test (albino rabbits): Skin irritation index draize rating: 0.125/8.0 minimally irritating. • Primary eye irritation test (albino rabbits): eye irritation index draize rating: 4.0/10.0 minimally irritating. • Inhalation of excessive dust (if the mixture dries out) may result in lung damage. • Carcinogenicity: Not listed as carcinogen by OSHA, NTP or IARC 	
<p>12. Ecological Data.</p> <ul style="list-style-type: none"> • No ecotoxicological studies are available. See CERCLA section 14, if released into the environment. 	
<p>13. Disposal Considerations.</p> <ul style="list-style-type: none"> • Waste is not hazardous as defined by RCRA (40CFR 2G1) • No special treatment required. 	
<p>14. Transport Information.</p> <ul style="list-style-type: none"> • No special transport requirements. Product is not regulated during transportation. 	
<p>15. Regulatory Information.</p> <ul style="list-style-type: none"> • OSHA Hazard Communications Standard, 29 CFR 1810.1200: None of the ingredients are hazardous. • RCRA: This material is not defined as hazardous water, per 40 CFR 261. • TSCA: These products contain materials listed in the TSCA inventory and is not otherwise regulated by TSCA Sec. 4, 5, 6, 7 or 12. • CERCLA: Materials not reportable under CERCLA. Local requirements may vary. • SARA: 311/312 hazard categories - immediate and delayed health, 313 reportable ingredients - none Does not contain any chemicals which require warning. 	
<p>16. Other Information.</p> <ul style="list-style-type: none"> • HMIS Rating: Health 1 Flammability 0 Reactivity 2 Other 0 Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum 	
<p>Prepared By: Donna Ringo, CIH</p>	<p>Translated By:</p>
<p>Date: 6/13/2011</p>	<p>Date:</p>

CPL90528i : \msds\gypsum.har(rev. 06/01/2011)



MATERIAL SAFETY DATA SHEET

(Revision: 07/01/2014)

1. Identification of the Substance/Preparation and of the Company/Undertaking.

- Product Type: Additive to increase hardness of Gypsum used by dental laboratory.
- Trade Name: **Gypsum Hardener**

- Company: **Whip Mix Corporation**
361 Farmington Ave.
Louisville, Kentucky, USA 40209
Emergency Telephone Number: (502)-637-1451
Fax Number: (502) 634-4512


Transportation *CHEMTREC 1(800) 424-9300 (U.S. and Canada)*

Emergencies: *International Calls: 1- 703-527-3887 (Collect calls accepted)*

2. Hazard Identification.

- Should not be a hazard under normal use.
- Personal protective equipment: none required during normal laboratory use.
- Prevent inhalation exposure to excessive dust (if mixture dries out). May result in lung damage.
- Eye contact: Can cause transient irritation

3. Composition/Information on Ingredients.

Substance	Concentration, %	CAS	R	Symbol	S
Colloidal Silica (amorphous)	10 – 20%	112926-00-8	None		None
Ethyl Alcohol	4%	64-17-5	R11		S2+, S7+, S16

4. First-Aid Measures.

- This product has no known acute toxic effects which would require emergency first-aid measures.
- For eye contact, rinse with water and call a physician, if irritation persists.

5. Fire-Fighting Measures.

- Unusual fire and explosion hazard: Contact with reactive metals (e.g.: aluminum) or alkaline materials may result in the generation of flammable hydrogen gas or toxic fumes.

6. Accidental Release Measures.

- Do not allow liquid to dry. Cleanup with absorbent paper towels.

7. Handling and Storage.

Handling: No special treatment required.
Storage: Keep container closed.

8. Exposure Controls/Personal Protection.

	<u>OSHA, PEL</u>	<u>ACGIH, TLV, 2014</u>
Amorphous Silica	*	Withdrawn
Ethyl Alcohol	1,000 ppm	1,000 ppm

*Exposure limit to dried dust: 6 mg/m³ as 8 hr TWA.

<p>9. Physical and Chemical Properties.</p> <ul style="list-style-type: none"> • Translucent odorless liquid <table border="0"> <tr> <td>Density</td> <td>10.0 -10.3 lbs/gal</td> </tr> <tr> <td>Solubility in water</td> <td>Dispersible</td> </tr> <tr> <td>Specific gravity</td> <td>1.0 -1.2 @ 77°F</td> </tr> <tr> <td>pH</td> <td>2.5 -3.0</td> </tr> <tr> <td>Viscosity</td> <td>Max 6.0 cps @ 77°F</td> </tr> <tr> <td>Boiling point</td> <td>212°F @ 760 mm Hg</td> </tr> <tr> <td>Flash point</td> <td>None</td> </tr> </table> <ul style="list-style-type: none"> • No dangerous reactions are known to occur with correct handling and storage. 		Density	10.0 -10.3 lbs/gal	Solubility in water	Dispersible	Specific gravity	1.0 -1.2 @ 77°F	pH	2.5 -3.0	Viscosity	Max 6.0 cps @ 77°F	Boiling point	212°F @ 760 mm Hg	Flash point	None
Density	10.0 -10.3 lbs/gal														
Solubility in water	Dispersible														
Specific gravity	1.0 -1.2 @ 77°F														
pH	2.5 -3.0														
Viscosity	Max 6.0 cps @ 77°F														
Boiling point	212°F @ 760 mm Hg														
Flash point	None														
<p>10. Stability and Reactivity.</p> <ul style="list-style-type: none"> • Basically stable. Avoid contact with aluminum or alkaline materials. 															
<p>11. Toxicological Information.</p> <ul style="list-style-type: none"> • Acute oral toxicity (albino rats): LD₅₀ = Greater than 34,000 mg/kg • Acute dermal toxicity (albino rabbits): LD₅₀ = Greater than 10,000 mg/kg • Primary skin irritation test (albino rabbits): Skin irritation index draize rating: 0.125/8.0 minimally irritating. • Primary eye irritation test (albino rabbits): eye irritation index draize rating: 4.0/10.0 minimally irritating. • Inhalation of excessive dust (if the mixture dries out) may result in lung damage. • Carcinogenicity: Not listed as carcinogen by OSHA, NTP or IARC 															
<p>12. Ecological Data.</p> <ul style="list-style-type: none"> • No ecotoxicological studies are available. See CERCLA section 14, if released into the environment. 															
<p>13. Disposal Considerations.</p> <ul style="list-style-type: none"> • Waste is not hazardous as defined by RCRA (40CFR 2G1) • No special treatment required. 															
<p>14. Transport Information.</p> <ul style="list-style-type: none"> • No special transport requirements. Product is not regulated during transportation. 															
<p>15. Regulatory Information.</p> <ul style="list-style-type: none"> • OSHA Hazard Communications Standard, 29 CFR 1810.1200: None of the ingredients are hazardous. • RCRA: This material is not defined as hazardous water, per 40 CFR 261. • TSCA: These products contain materials listed in the TSCA inventory and is not otherwise regulated by TSCA Sec. 4, 5, 6, 7 or 12. • CERCLA: Materials not reportable under CERCLA. Local requirements may vary. • SARA: 311/312 hazard categories - immediate and delayed health, 313 reportable ingredients - none Does not contain any chemicals which require warning. 															
<p>16. Other Information.</p> <ul style="list-style-type: none"> • HMIS Rating: Health 1 Flammability 0 Reactivity 2 Other 0 <i>Hazard: 4-Severe; 3-Serious; 2-Moderate; 1-Slight; 0-Minimum</i> 															
Prepared By: Donna Ringo, CIH	Translated By:														
Date: 7/1/2014	Date:														

CPL90528i:\msds\gypsum.har(rev. 06/01/2011)