



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** USG® Plaster Bonding Agent Clear

**Other means of identification**

**SDS number** 53000020004

**Synonyms** Sealer

**Recommended use** Interior use.

**Recommended restrictions** Use in accordance with manufacturer's recommendations.

### Manufacturer/Importer/Supplier/Distributor information

**Company name** United States Gypsum Company

**Address** 550 West Adams Street  
Chicago, Illinois 60661-3637

**Telephone** 1-800-874-4968

**Website** www.usg.com

**Emergency phone number** 1-800-507-8899

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Sensitization, skin Category 1  
Specific target organ toxicity, repeated exposure Category 2 (Kidney)

**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger

**Hazard statement** May cause an allergic skin reaction. May cause damage to organs (Kidney) through prolonged or repeated exposure.

**Precautionary statement**

**Prevention** Do not breathe mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves.

**Response** If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of in accordance with local, state, and federal regulations.

**Hazard(s) not otherwise classified (HNOC)** None known.

## 3. Composition/information on ingredients

### Mixtures

Chemical name	CAS number	%
Ethylene glycol	107-21-1	< 3
1,2-Benzisothiazol-3(2H)-one	2634-33-5	< 0.025
2-Methyl-4-isothiazol-3-one	2682-20-4	< 0.005
5-Chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	< 0.005

**Composition comments** All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

#### 4. First-aid measures

**Inhalation** Exposure to mists may cause temporary irritation to eyes, skin, nose, throat, and upper respiratory tract. Move injured person into fresh air and keep person calm under observation. Get medical attention if symptoms persist.

**Skin contact** Rinse area with plenty of water. Get medical attention if irritation develops and persists.

**Eye contact** Do not rub eyes. Flush thoroughly with water. If burning, redness, itching, pain, or other symptoms develop or persist get medical attention.

**Ingestion** Rinse mouth. Get medical attention if any discomfort occurs.

**Most important symptoms/effects, acute and delayed** Under normal conditions of intended use, this product is not expected to be a health risk. Overexposure is highly unlikely at concentrations present in this product.

**Indication of immediate medical attention and special treatment needed** Provide general supportive measures and treat symptomatically.

**General information** Ensure that medical personnel are aware of the material(s) involved.

#### 5. Fire-fighting measures

**Suitable extinguishing media** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media** Not applicable.

**Specific hazards arising from the chemical** Not a fire hazard.

**Special protective equipment and precautions for firefighters** Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions** Use standard firefighting procedures and consider the hazards of other involved materials.

**Specific methods** Cool material exposed to heat with water spray and remove it if no risk is involved.

#### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** See Section 8 of the SDS for Personal Protective Equipment.

**Methods and materials for containment and cleaning up** Prevent entry into confined areas or water systems. Dilute with water and mop or wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Dispose of waste according to local regulations.

**Environmental precautions** Avoid discharge to drains, sewers, and other water systems.

#### 7. Handling and storage

**Precautions for safe handling** Minimize exposure to mists. In case of insufficient ventilation, wear suitable respiratory equipment. Observe good industrial hygiene practices. Use proper lifting techniques.

**Conditions for safe storage, including any incompatibilities** Store in a cool, dry place. Store in a closed container away from incompatible materials, food, or drinking water. Protect from moisture. Keep away from heat. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Keep containers closed when not in use.

#### 8. Exposure controls/personal protection

##### Occupational exposure limits

###### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Ethylene glycol (CAS 107-21-1)	Ceiling	100 mg/m <sup>3</sup>	Aerosol.

**Biological limit values** No biological exposure limits noted for the ingredient(s).

**Exposure guidelines** No exposure standards allocated.

**Appropriate engineering controls** Provide sufficient ventilation for operations causing mist formation. Observe occupational exposure limits and minimize the risk of exposure.

## Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Wear approved safety goggles.
<b>Skin protection</b>	
<b>Hand protection</b>	It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.
<b>Other</b>	Normal work clothing (long sleeved shirts and long pants) is recommended.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Use a NIOSH/MSHA approved air purifying respirator as needed to control exposure. Consult with respirator manufacturer to determine respirator selection, use, and limitations. Use positive pressure, air-supplied respirator for uncontrolled releases or when air purifying respirator limitations may be exceeded. Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2) for all respirator use.
<b>Thermal hazards</b>	None.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Observe any medical surveillance requirements.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Acrylic emulsion.
<b>Color</b>	Gray to off-white.
<b>Odor</b>	Slight acrylic.
<b>Odor threshold</b>	Not applicable.
<b>pH</b>	8.5 - 9.5
<b>Melting point/freezing point</b>	32 °F (0 °C)
<b>Initial boiling point and boiling range</b>	212 °F (100 °C)
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.

### Upper/lower flammability or explosive limits

<b>Flammability limit - lower (%)</b>	Not applicable.
<b>Flammability limit - upper (%)</b>	Not applicable.
<b>Explosive limit - lower (%)</b>	Not applicable.
<b>Explosive limit - upper (%)</b>	Not applicable.

<b>Vapor pressure</b>	Not applicable.
<b>Vapor density</b>	Same as water.
<b>Relative density</b>	1 - 1.2 (H <sub>2</sub> O=1)
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Soluble in water.
<b>Partition coefficient (n-octanol/water)</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition temperature</b>	Not applicable.
<b>Viscosity</b>	Not applicable.
<b>Other information</b>	
<b>Bulk density</b>	7.8 - 8.5 lb/gal
<b>VOC (Weight %)</b>	39.7 g/l (EPA Method 24)

## 10. Stability and reactivity

<b>Reactivity</b>	Not available.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid</b>	Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	None known.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Spray mist may irritate the respiratory system.
<b>Skin contact</b>	May cause an allergic skin reaction after a single exposure. Prolonged or repeated skin contact may cause irritation and/or sensitization.
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
<b>Ingestion</b>	May cause discomfort if swallowed.

**Symptoms related to the physical, chemical and toxicological characteristics** Irritation of eyes and mucous membranes. Skin irritation.

### Information on toxicological effects

<b>Acute toxicity</b>	Low hazard for usual industrial or commercial handling by trained personnel.
<b>Skin corrosion/irritation</b>	Prolonged or repeated skin contact may cause irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.

### Respiratory or skin sensitization

<b>Respiratory sensitization</b>	Not classified but possible due to skin sensitization effect.
<b>Skin sensitization</b>	May cause an allergic skin reaction after a single exposure or with repeated or prolonged skin contact.

**Germ cell mutagenicity** Not mutagenic in bacterial or mammalian systems.

**Carcinogenicity** This product is not classified as a carcinogen.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

<b>Reproductive toxicity</b>	Not available.
<b>Specific target organ toxicity - single exposure</b>	No data available, but none expected.
<b>Specific target organ toxicity - repeated exposure</b>	May cause damage to organs (Kidney) through prolonged or repeated exposure.
<b>Aspiration hazard</b>	Not classified.
<b>Chronic effects</b>	Prolonged exposure may cause chronic effects.

## 12. Ecological information

<b>Ecotoxicity</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
<b>Persistence and degradability</b>	No data available.
<b>Bioaccumulative potential</b>	No data available for this product.
<b>Partition coefficient n-octanol / water (log Kow)</b>	
Ethylene glycol (CAS 107-21-1)	-1.36
<b>Mobility in soil</b>	Not available.
<b>Other adverse effects</b>	None expected.

## 13. Disposal considerations

**Disposal instructions** Dispose waste and residues in accordance with applicable federal, state, and local regulations. Avoid discharge into water courses or onto the ground.

<b>Local disposal regulations</b>	Dispose of in accordance with local regulations.
<b>Hazardous waste code</b>	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Waste from residues / unused products</b>	Dispose of in accordance with local regulations.
<b>Contaminated packaging</b>	Since emptied containers retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not available.

## 15. Regulatory information

**US federal regulations** This product is hazardous according to OSHA 29 CFR 1910.1200.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

2-Methyl-4-isothiazol-3-one (CAS 2682-20-4) 1.0 % One-Time Export Notification only.

5-Chloro-2-methyl-2H-isothiazol-3-one (CAS 26172-55-4) 1.0 % One-Time Export Notification only.

### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

### CERCLA Hazardous Substance List (40 CFR 302.4)

Ethylene glycol (CAS 107-21-1) LISTED

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - No  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** Yes

### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Ethylene glycol	107-21-1	< 3

### Other federal regulations

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Ethylene glycol (CAS 107-21-1)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

### US state regulations

#### US. Massachusetts RTK - Substance List

Ethylene glycol (CAS 107-21-1)

#### US. New Jersey Worker and Community Right-to-Know Act

Ethylene glycol (CAS 107-21-1)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Ethylene glycol (CAS 107-21-1)

#### US. Rhode Island RTK

Ethylene glycol (CAS 107-21-1)

## US. California Proposition 65

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

Issue date	31-December-2013
Revision date	30-March-2015
Version #	02
Further information	Vinyl acetic monomer, formaldehyde and acetaldehyde: Trace amounts of vinyl acetate monomer and formaldehyde may be found in this product. They are present as trace residuals in many common raw materials that are used to formulate joint compounds, and any emissions from them are expected to be well below ACGIH and OSHA occupational exposure limits.

NFPA Ratings:

Health: 2

Flammability: 0

Physical hazard: 0

NFPA Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### NFPA ratings



#### List of abbreviations

NFPA: National Fire Protection Association.

#### Disclaimer

This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.