

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

Product identifier:

Identification as on the label/Trade name: Fiberglass Warehouse Bonding Putty

Relevant identification uses of the substance and uses advised against:

Identified uses: For filling gaps, holes, and cracks in composites.

Uses advised against: No other uses are advised.

Details of the supplier of the Safety Data Sheet:

Fiberglass Warehouse
1468 Northgate Blvd
Sarasota, FL 34234
+1-833-669-7899

Emergency telephone numbers:

24-hour Emergency Contact:
CHEMTREC 24-hour: +1-800-424-9300 (USA)

Section 2: Hazards Identification

Classification of the substances or mixture:

The mixture is classified according to: Regulation EC 1272/2008 [EU-GHS/CLP]

Hazard classes/Hazard categories:

Flammable liquid, Category 3
Skin irritant, Category 2
Eye irritant, Category 2
Reproductive toxicity, Category 2
STOT SE, Category 3

Label elements:

Hazard pictograms:



Signal word: Warning.

Hazard statements:

H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H361d Suspected of damaging the unborn child.
H335 May cause respiratory irritation.

Precautionary Statements:

Prevention

- P203 Obtain, read and follow all safety instructions before use.
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 Keep container tightly closed.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P264 Wash hands thoroughly after handling.
 P271 Use only outdoors or in a well-ventilated area.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection.

Response

- P302 + P352 IF ON SKIN: Wash with plenty of water.
 P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P318 IF exposed or concerned, get medical advice.
 P332 + P317 If skin irritation occurs: Get medical help.
 P337 + P317 If eye irritation persists: Get medical help.
 P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage

- P403 + P235 Store in a well-ventilated place. Keep cool.
 P405 Store locked up.

Disposal

- P501 Dispose of contents/container in accordance with local/national regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Ingredients:

Substance name (IUPAC/EC)	CAS-No.	Concentration % by weight	Classification EC1272/2008
	EC-No.		
Styrene	100-42-5	24 – 34%	Flam. Liq. 3 H226 Skin Irrit. 2 H315 Eye Irrit. 2 H319 Acute Tox. 4 H332 STOT RE 1 H372 Repr. 2 H361d
	202-851-5		
Amorphous silica	112945-52-5	1 – 5%	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335
	601-216-3		

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

Description of first aid measures:

Eye contact: Wash eyes immediately with running water, keeping the eyelids open. Remove contact lenses if present and easily removable. Seek medical attention.

Skin contact: Remove contaminated clothing and shoes. Wash affected area with water and soap. Wash contaminated clothing and shoes before reuse. Seek medical attention.

Inhalation: Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist. In case of unconsciousness place patient stably in side position for transportation.

Ingestion: Rinse the victim's mouth out with water. Provide plenty of water for the victim to drink if he/she is conscious. Seek medical attention.

Most important symptoms and effects, both acute and delayed:

Redness, pain, and watery eyes. Cough, sore throat, difficulty breathing, nausea, abdominal pain and diarrhea. Fatigue, muscle weakness, feeling of drunkenness, dizziness, drowsiness, headaches and incoordination.

Indication of any immediate medical attention and special treatment needed: Symptomatic treatment should include supportive measures such as correction or electrolyte, metabolic and respiratory abnormalities.

Section 5: Fire-Fighting Measures

Extinguisher media:

Extinguishing media: Flammable product. compatible with any means of extinction as dry chemical, alcohol resistant foam and water mist.

Unsuitable extinguishing agents: Water with full jet.

Specific hazards: When in fire, may produce irritating and toxic gases like carbon monoxide and dioxide.

Special precautions for fire-fighters: Self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Flammable product. Eliminate preventively all the ignition sources around the area. Do not smoke. Use in a well-ventilated area or with exhaustion system adequate to eliminate mists and vapors.

Environmental precautions: Do not let this chemical enter the environment (soil, waterways and groundwater).

Methods for containment and cleaning up:

Use water fog or vapor suppressing foam to reduce the spread of fumes use physical barriers or containment of spills. Collect spilled material and place into containers. Absorb the remaining product with sand, earth, vermiculite or other inert material. Place absorbed material in appropriate containers and remove to safe place.

Section 7: Handling and Storage

Precautions for safe handling:

Avoid inhalation and contact with eyes, skin, and clothing. Wash hands thoroughly after handling and before eating or drinking. Remove and wash contaminated clothing before reuse. Use with adequate ventilation.

Use spark-proof tools and explosion-proof equipment. Empty containers may retain product residue (liquid and/or vapor). Do not pressurize, cut, weld, braze, solder, drill, grind, or expose these containers to heat, flame, sparks, static electricity, or other ignition sources.

Conditions for safe storage, including incompatibilities:

Keep away from ignition sources: flames, pilot lights, electrical sparks, and sparking tools. Do not store in direct sunlight. Store separate from oxidizing material, peroxides, and metal salts. Keep container closed when not in use.

Section 8: Exposure Controls and Personal Protection

Control parameters:

Occupational exposure limits:

Styrene, CAS No. 100-42-5

NIOSH REL TWA 50 ppm (215 mg/m³) ST 100 ppm (425 mg/m³)

OSHA PEL TWA 100 ppm C 200 ppm 600 ppm (5-minute maximum peak in any 3 hours)

Exposure controls:

Appropriate engineering controls: Provide mechanical ventilation or direct exhaustion to the external media. It is recommended safety shower and eye bath available near working area. The engineering controls measures are the most effective to reduce exposure to the product.

Individual protection measures, such as personal protective equipment:

Respiratory protection: A NIOSH/MSHA approved air purifying respirator with organic vapor cartridge or canister may be necessary under certain circumstances where airborne concentrations are expected to exceed exposure limits.

Skin protection: The glove material has to be impermeable and resistant to the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Eye protection: Wear safety glasses with side shields and a face-shield.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties:

Appearance (form): Liquid.

Color: Colorless.

Odor: Pungent.

Odor threshold: No data available.

pH (concentration): No data available.

Melting point/range (°C): -31 °C

Boiling point/range (°C): No data available.

Flash point (°C): 32 °C

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Upper/lower flammability/explosive limits: Upper 8.8% Lower 0.8%

Vapor pressure (20 °C): No data available.

Vapor density: No data available.

Relative density: 1.08 – 1.12

Water solubility (g/L) at 20 °C: Insoluble.
n-Octanol/Water partition coefficient: No data available.
Auto-ignition temperature: 490 °C
Decomposition temperature: No data available.
Viscosity, dynamic: No data available.

Section 10: Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability: Stable under recommended conditions.
Possibility of hazardous reactions: Refer to incompatible materials.
Conditions to avoid: Elevated temperatures, heat, sparks, open flame and other ignition sources.
Incompatible materials: Oxygen, oxidizing agents-Increased risk of fire and explosion. Can form explosive peroxides. Strong acids (e.g. sulfuric acid, oleum, chlorosulfonic acid). Alkali metals, graphite compounds, metallic halide salts, peroxides (dibenzoyl peroxide di-tertbutyl peroxide), or azoisobutyronitrile can initiate polymerization. Can react with low concentrations of halogens, in the presence of UV light, to form a strong irritant. Can form peroxides in the presence of light and air or on contact with acids.
Hazardous decomposition products: Styrene oxide.

Section 11: Toxicological Information

Information on toxicological effects:
Acute toxicity: No data available.
Skin corrosion/irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitization: No data available.
Germ cell mutagenicity: No data available.
Carcinogenicity: No data available.
Reproductive toxicity: Suspected of damaging the unborn child.
STOT-single exposure: May cause respiratory irritation.
STOT-repeated exposure: No data available.
Aspiration hazard: No data available.

Section 12: Ecological Information

Toxicity: No data available.
Persistence and degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Results of PBT& vPvB assessment: Not applicable.

Section 13: Disposal Considerations

Waste treatment methods: Includes incineration under controlled conditions in accordance with all local and national laws and regulations. The generation of waste should be avoided or minimized wherever possible. Untreated material is not suitable for disposal. Waste, even small quantities, should never be poured down drains, sewers or water courses. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated packaging: Empty containers can only be disposed of when the remaining product adhering to the container walls have been removed.

Section 14: Transport Information

UN number: 1866
UN proper shipping name: RESIN SOLUTION, flammable
Transport hazard class: 3
Packing group: III
Limited quantity: 5L

Section 15: Regulatory Information

Safety, health and environmental regulations/legislation for the mixture:

Relevant information regarding restrictions: None known.

EU Regulations: Regulation EC 1272/2008 [EU-GHS/CLP]

US Regulations:

SARA Title III Section 302/304 Extremely Hazardous Substance: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA Title III Section 311/312 Hazard Categorization: Acute Health Hazard, Chronic Health Hazard, Fire Hazard.

SARA Title III Section 313 Supplier Information: Styrene, CAS No. 100-42-5 is listed.

CERCLA Section 102(a) Hazardous Substance: Styrene, CAS No. 100-42-5: 1,000 lbs.

California Proposition 65: Prop65 WARNING: This product can expose you to chemicals including Styrene which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Chemical Safety Assessment carried out: No.

Section 16: Other Information

Indication of changes: GHS aligned.

Relevant classification and H statements (number and full text):

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H332 Harmful if inhaled

H335 May cause respiratory irritation.

H361d Suspected of damaging the unborn child.

H372 Causes damage to organs through prolonged or repeated exposure.

Training instructions: Use as instructed.

Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.