Material Safety Data Sheet for Engineers Wood Glue

According to ISO 11014:2010
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320309

Section 1: Chemical Product and Company Identification

Product Name: Engineers Wood Glue
Company: Activity Based Supplies

Contact Details
Address: 304 West 11th Street Pittsburg, KS 66762
Contact number: 800-469-8070
Email Address: activitybasedsupplies@gmail.com

Section 2: Hazards Identification

Classification of the substances or mixture: Label Elements

Hazard Pictograms

Precautionary Statements:
P210: Keep away from heat/sparks/open flames/hot surfaces
P381: Eliminate all sources of ignition

Potential Hazard effects
Eye: May cause eye irritation.
Skin: May cause skin irritation. Preexisting skin conditions may be aggravated by exposure to this material.
Ingestion: Aspiration hazard. It may cause gastrointestinal irritation with nausea, vomiting and diarrhea, may cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea.
Inhalation: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. High vapor concentrations may cause drowsiness. Aspiration may
Cause respiratory swelling and pneumonitis.

Section 3: Composition/Information on Ingredients

Substance/Mixture: Mixture.

Substance name (IUPAC/EC)	Classification EC1272/2008
Adhesives	Not Classified
Food Coloring	Flammable

Ingredients: The Exact percentages of ingredients are kept as trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: First-Aid Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Vapors may form an explosive mixture with air. Vapors can travel to a source of ignition and flash back. Use water spray to keep fire-exposed containers cool. Vapor may cause flash fire. Vapors may be heavier than air. They can spread along the ground and collect in low or confined areas. Containers may explode when heated.

Description of first aid measures:

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact: Wash off immediately with plenty of water for at least 15 minutes. Obtain medical attention.

Inhalation: Move to fresh air. Obtain medical attention. It may cause risk of serious damage to the lungs. If not breathing, give artificial respiration.

Most important symptoms and effects: Breathing difficulties. It may cause allergic skin reaction. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting: Symptoms of allergic reaction may include rash, itching, swelling, trouble breathing, tingling of the hands and feet, dizziness, lightheadedness, chest pain, muscle Pain or flushing

Section 5: Fire-Fighting Measures

Extinguisher media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Cool closed containers exposed to fire with water spray

Unsuitable extinguisher media: Do not use a solid water stream as it may scatter and spread fire.

Specific Hazards Arising from the Chemical: Flammable. Risk of ignition. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from heat and sources of ignition. Containers may explode when heated. Vapors may form explosive mixtures with air. Do not allow run-off from firefighting to enter drains or water courses.

Hazardous Combustion Products: Carbon monoxide (CO) Carbon dioxide (CO2)

Protective Equipment and Precautions for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6: Accidental Release Measures

Avoid contact with spilled or released material For Guidance on selection of personal protective equipment see chapter 8 of this material safety data sheet. See Chapter 13 for information on disposal observes the relevant local and international regulations.

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment

For non-emergency personnel: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

For emergency responders: Isolate area. Keep unnecessary and unprotected personnel from entering the area. Refer to Section 7, Handling, for additional precautionary measures. Use appropriate safety equipment. For additional information, refer to Section 8, Exposure Controls and Personal Protection.

Environmental precautions: Use appropriate containment to avoid environmental contamination prevent from spreading or entering drains.

Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition.

Use a spark-proof tool. A vapor suppressing foam may be used to reduce vapors. Water spray may reduce vapor but may not prevent ignition in closed space

Methods for containment and cleaning up: Gather them carefully. Sweep up in a chemical waste container flush residual area with copious amounts of water
Additional Advice: Fire-extinguishing devices should be prepared in case of a fire local authorities should be advised if significant spillage cannot be contained.
Reference to other sections:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment. See Section 13 for information on disposal.

Section 7: Handling and Storage

Precautions for safe handling: Wash hands and face thoroughly after handling. Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Prevent buildup of vapors to explosive concentration. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

Protective measures: Observe directions on label and instructions for use.

Advice on general occupational hygiene: Do not eat, drink or smoke when handling this product.

Conditions for safe storage, including incompatibilities:

Keep containers tightly closed. Store in a cool, dry place and well-ventilated place. Away from high temperature. Keep container tightly closed and sealed until ready for use. Store away from high ignition sources and incompatible materials such as oxidizing agents.

Specific end uses: Use only as directed.

Section 8: Exposure Controls and Personal Protection

Control parameters
Occupational exposure limits: No data available.
Biological exposure indices (BEI): No data available.
Additional exposure limits under the conditions of use: No data available.
Exposure control
Appropriate engineering controls: Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended.

Individual protection measures, such as personal protective equipment
Eye/face protection: Tightly fitting Safety Glasses, Face-Shield
Hand protection: Rubber or other chemically resistant gloves.
Skin/Body protection: Appropriate protective long sleeves clothing, gloves and shoes.
Respiratory protection: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN
149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Engineering Measures: Ensure adequate ventilation, especially in confined areas. Use explosion-proof electrical/ventilating/lighting/equipment. Ensure that eyewash stations and safety showers are close to the workstation location.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties
Appearance (form): liquid
Color: Not Available.
Odor: Not Available.
Odor threshold: Not Available.
PH (concentration): Not Available.
Melting point/range (°C): Not Available
Boiling point/range (°C): Not Available
Flash point (°C): Not Available.
Evaporation rate: Not Available.
Flammability (solid, gas): Not Available.
Ignition temperature (°C): Not Available.
Upper/lower flammability/explosive limits: Not Available.
Vapor pressure (20 °C): Not Available.
Vapor density: Not Available.
Relative density (25 °C): Not Available.
Water solubility (g/L) at 20 °C: Not Available.
N-Octanol/Water partition coefficient: Not Available.
Auto-ignition temperature: Not Available.
Decomposition temperature: Not Available.
Viscosity, dynamic (MPa s): Not Available.
Other information:
Fat solubility (solvent-oil to be specified): Not Available.
Bulk density: Not Available.
Dissociation constant in water (PKa): Not Available.
Oxidation-reduction potential: Not Available.

Section 10: Stability and Reactivity

Reactivity: None Known, Based on information available.
Chemical stability: Stable under recommended conditions of storage.
Conditions to avoid: High temperature, naked flame, hot source, Incompatible materials, ignition sources. **Incompatible materials:** May explode with nitrogen tetroxide, potential violent reaction with strong oxidizers. **Hazardous decomposition products:** Carbon Monoxide, Carbon Dioxide

Section 11: Toxicological Information

Acute Toxicity: TLV 600 vpm
Skin & Eye contact: No known effect
Chronic Toxicity: No known effect
Carcinogenicity: Severe cold burns can result in carcinoma
Mutagenicity: No known effect

Reproductive Hazards: No known effect (For further information see Section 3. Adverse Health effects
Toxicokinetics, metabolism and distribution:
Non-human toxicological data: No data available.
Method: No data available.
Dosage: No data available.
Routes of administration: No data available.
Results: No data available.
Absorption: No data available.
Distribution: No data available.
Metabolism: No data available.
Excretion: No data available.

Information on toxicological effects:
Germ cell mutagenicity: may exists
Reproductive toxicity: No data available.
STOT-single exposure: No data available.
STOT-repeated exposure: No data available.
Aspiration hazard: May be fatal if swallowed and enters airways.

Section 12: Ecological Information

Vaporized product is heavier than air and can cause pockets of oxygen depleted atmosphere in low-lying areas. It does not pose a hazard to the ecology, unless the gas/air mixture is ignited.

Section 13: Disposal Considerations

Material Disposal: Recover or recycle if possible. It is responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations. Do not dispose into environment, in drains or in water courses.
Waste treatment methods: Dispose of in accordance with municipal, provincial and national regulations.
Product/Packaging disposal: Recycle where possible.
Material used: Approved waste collection, sent to designated waste disposal sites.

Section 14: Transport Information

UN number: Not Available.
Transport hazard class (es): Not Applicable.
Packing group: Not regulated as a dangerous good.
Environmental hazards: Not regulated as a dangerous good.
Special precautions for user: Not dangerous goods in the meaning of ADR/RID, ADN, IMDG-Code, ICAO/IATA-DGR.
Transport in bulk according to Annex II of Marplot and the IBC Code: Not applicable.

Section 15: Regulatory Information

US FEDERAL
Health & Safety Reporting List
None of the chemicals are on the Health & Safety Reporting List.
Chemical Test Rules
None of the chemicals in this product are under a Chemical Test Rule.
Section 12b
None of the chemicals are listed under TSCA Section 12b.
TSCA Significant New Use Rule
None of the chemicals in this material have a SNUR under TSCA.
CERCLA Hazardous Substances and corresponding RQs
None of the chemicals in this material have an RQ. **SARA Section 302 Extremely Hazardous Substances**
None of the chemicals in this product has a TPQ.
Section 313 No chemicals are reportable under Section 313.
Clean Air Act:
This material does not contain any hazardous air pollutants. This material does not contain any Class 1 Ozone depletors. This material does not contain any Class 2 Ozone depletors.
Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA. None of the chemicals in this product are listed as Priority Pollutants under the CWA. None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

California Prop 65

California No Significant Risk Level: None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols:

T

Risk Phrases:

R 10 Flammable.

R 65 Harmful: may cause lung damage if swallowed.

Safety Phrases:

S16 Keep away from sources of ignition - No smoking.

S33 Take precautionary measures against static discharges.

S45 in case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S53 Avoid exposure - obtain special instructions before use. S7 Keep container tightly closed.

S43I in case of fire, use dry chemical, CO2, water spray or foam.

(These chemicals have very low flashpoints and the use of water spray may be inefficient).

Section 16: Other Information

MSDS Creation Date 31st Dec 2019

This MSDS was prepared sincerely on the basis of information we could obtained, however, any warranty neither shall not be given regarding the data contained and assessment of hazards and toxicology. Prior to use, please investigate not only the hazards and toxicity information but also the laws and regulations of the organization, area and country where the product is to be used, which shall be given the priority. Products are supposed to be used promptly after purchase in consideration of safety. Some of new information or amendments may be added afterwards. If the products are to be used far behind the expected time of use or you have any questions, please free to contact us the stated cautions are for normal handling only. In case of special handling, enough care should be taken, in addition to the safety measures suitable for the situation. All chemical products should be treated with recognition of "having unknown hazards and toxicity" Which differ greatly depends on the conditions and handling when in use and/or the conditions and duration of storage. The product must be handled only by those who are familiar with the specialized knowledge and have experience or under the

guidance of the specialists throughout use from the opening to storage and disposal. Safe usage conditions shell set up on each user's own responsibility.

Indication of changes: GHS aligned.
Further information: This information is based upon the present state of our knowledge. This MSDS 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 Material
Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.