

60845-1001

SAFETY DATA SHEET

Revised: **01/03/2024**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Substance name: Styrogoo

Product Type: Handicraft Glue

1.2 Recommend use and restriction on use: It bonds almost any kind of non-porous materials such as foam, rubber, plastics, metals, ceramics, wood, etc.

1.3 Details of the supplier of the Safety Data Sheet

HWFF, INC.

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SECTION 2: Information of Content

Vinyl Acetate Methanol

Formula $C_4H_6O_2$ CH_3OH

Content % 50±5 50±5

CAS NO 108-05-4 67-56-1

TWA 10ppm 200ppm

SECTION 3: Hazards Identification

Health Rating 3-Moderate

Flammability Rating 3-Moderate

Reactivity Rating 0-Minimal

Contact Rating 2-Slight

Lab Protective Equip

Goggles and shield; lab coat and apron; vent hood; proper gloves; class B extinguisher

Storage Colour Code Red (Flammable)

GHS Symbol

Representative Symbol: Exclamation mark; Harmful to health

Warning phrase: Warning

Warning messages about hazards: Flammable liquid and gases, Harmful by swallowing.

May cause irritation to skin. May cause irritation to eyes.

Hazard prevention measures: Keep away from igniting materials. Smoking prohibited.

Avoid contact with eyes.

SECTION 4: First aid measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

Skin contact: Flush immediately skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash and clean clothing/shoes thoroughly before reuse.

Eye contact: Flush immediately eyes with plenty of water for at least 15 minutes. Lifting lower and upper eyelids occasionally. Seek medical attention immediately.

SECTION 5: Fire and Explosion Hazard Data

Flammable limits in air% by volume: LEL: 6.0; UEL: 36.0 Flammable liquid and vapour.

Explosion: Moderate explosion hazard and dangerous fire hazard when exposed to heat, sparks or flames. Vapour can flow along surfaces to distant ignition source and flash back. Above mentioned flash point, vapour-air mixtures are explosive within flammable limits noted above. Sealed containers may rupture when heated. Sensitive to static discharge.

Fire Extinguishing media: dry chemical, carbon dioxide and alcohol foam.

Special information: In the event of fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6: Physical and Chemical properties

Appearance: clear, colourless gel

Odour: Light smell of alcohol

Odour threshold: 53-8940ppm

Solubility (water): No information found

Solubility (organics): No information found

Specific gravity: 0.79

pH: No information found

Boiling point: <64.7°C

Flash point: 50°C (Open cup)

Auto-ignition temperature: 385°C

Vapour pressure: 160mmHG @30°C

Explosion Limits: 6-36.5%

SECTION 7: Accidental Release measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified below. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use nonsparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g. vermiculite, dry sand), and place in a chemical waste container. do not use combustible materials, such as saw dust. Do not flush to sewer. If a leak or spill has not ignited, use water spray to disperse the vapour, to protect personnel attempting to stop leak, and to flush spill way from exposure.

SECTION 8: Handling and storage

Protect against physical damage. Store in a cool, dry, well-ventilated location and away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use area should be NO SMOKING areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapour, liquid); observe all warnings and precautions. Do not attempt to clean empty containers since it is difficult to remove residues. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, sparks, flame, static electricity or other sources of ignition.

SECTION 9: Exposure controls/ Personal protection

Airborne exposure limits: For Methyl Alcohol:

- OSHA Permissible Exposure Limit (PEL):

200ppm (TWA)

-ACGIH Threshold Limit Value (TLV): 200ppm

(TWA), 250ppm (STEL) skin exposures below the

Ventilation system: A system of local and/or general exhaust is

recommended to keep employee exposures below

the Airborne Exposure Limits. Local exhaust

ventilation is generally preferred because it can

control the emissions of the contaminant at its

source, preventing dispersion of it into the general

work area. Please refer to the ACGIH document,

Industrial Ventilation, A Manual of Recommended

Practices, latest edition, for details.

Personal respirators: If the exposure limit is exceeded, wear a supplied

air, full-face piece respirator or full-face piece selfcontained

breathing apparatus.

Skin Protection: Wear impervious protective clothing, including

boots, gloves, lab coat, apron or coveralls, as

appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or a full face

shield where splashing is possible. Maintain eye

wash fountain and quick-drench facilities in work

area.

SECTION 10: Stability and Reactivity

Stability: Stable

Hazardous decomposition products: May form carbon dioxide, carbon monoxide and

formaldehyde when heated to decomposition.

Hazardous polymerization: Will not occur.

Incompatibilities: Strong oxidizing agents such as nitrates,

perchlorate or sulfuric acid. Will attack some

forms of plastics, rubber and coatings. May react

with metallic aluminum and generate hydrogen

gas.

Conditions to avoid: Heat, flames, ignition sources and incompatibles.

SECTION 11: Transport information

United Nation Code: 1866

UN Transportation Name: Resin solution

Classification of Hazards: 3,6.1

Package Class: III

Marine Contaminant (Yes/No): No

Special transportation methods and Precautions: --

SECTION 12: Ecological information

Dangerous to aquatic life in high concentrations. Because of the small amount of material in a single consumer product, this product is not expected to cause any significant adverse effects on the environment when it is used as intended and/or properly disposed of.

Components of this material are not biomagnified or bio concentrated in the environment.

SECTION 13: Regulatory information

Ordinances applicable

1. Rules of labour safety and hygiene facilities
2. Rules of signs and general knowledge of dangerous and harmful materials
3. Rules of road and traffic safety
4. Standards for treatments and facilities of industrial waste disposal

Note: Consignee or agent must check local rules and conform their country regulation.

SECTION 14: Other information

Label hazard warning: Danger. Vapour Harmful. May be fatal or cause blindness if swallowed. Harmful if inhaled or absorbed through skin. Cannot be made nonpoisonous.

Flammable liquid and vapour.

Causes irritation to skin, eyes and respiratory tract.

Affects the central nervous system, gastrointestinal tract and liver.

Label precautions: Avoid breathing vapour. Keep container closed.

Use only with adequate ventilation. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame.

Label first aid: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If swallowed, induce vomiting immediately as directed by medical personnel.

Never give anything by mouth to an unconscious person. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Wash clothing before reuse. In all cases, get medical attention immediately.

SECTION 15: Disposal considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 16: Memo

1. Flammable and irritating. Use the product under adult supervision.
2. use the product in well-ventilated place.
3. if eyes contact please flush with water and seek medical advice immediately.
4. Do Not Eat! Seek medical advice immediately if found.
5. Any uncomfortable, stop using and seek medical advice immediately.
6. Keep in cool place and away from children.