

SECTION 1: Identification**1.1. Identification**

| | |
|--------------|----------------------|
| Product form | : Mixture |
| Trade name | : Wood Glue 16 fl oz |
| Product code | : 78072720028-9 |

1.2. Recommended use and restrictions on use

| | |
|-----------------|---|
| Recommended use | : Adhesive for collage of various materials |
|-----------------|---|

1.3. Supplier**Distributor**

Saint-Gobain Abrasives, Inc.
1 New Bond Street
Worcester, MA 01615
- United States of America (USA)
T 800-551-4413
www.Nortonabrasives.com

1.4. Emergency telephone number

| | |
|------------------|--|
| Emergency number | : 508-795-5000 |
| | CHEMTREC: For emergencies in the US and Canada call: 800-424-9300 |

SECTION 2: Hazard(s) identification**2.1. Classification of the substance or mixture****GHS US classification**

| | |
|---|------------------------------------|
| Flammable liquids Category 4 | H227 Combustible liquid |
| Serious eye damage/eye irritation Category 2A | H319 Causes serious eye irritation |

Full text of H statements: see section 16

2.2. GHS Label elements, including precautionary statements**GHS US labeling**

Hazard pictograms (GHS US)



Signal word (GHS US)

: Warning

Hazard statements (GHS US)

: H227 - Combustible liquid
H319 - Causes serious eye irritation

Precautionary statements (GHS US)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective clothing, eye protection, face protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P370+P378 - In case of fire: Use carbon dioxide (CO₂), dry extinguishing powder to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients**3.1. Substances**

Not applicable

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3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|--------------------------|---------------------|-----------|--|
| 1-octanol | (CAS-No.) 111-87-5 | 0 - 2 | Flam. Liq. 4, H227 Eye Irrit. 2A, H319 |
| nonylphenol, ethoxylated | (CAS-No.) 9016-45-9 | 1 - 2 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |
| sodium dodecyl sulphate | (CAS-No.) 151-21-3 | 0.5 - 1.5 | Flam. Sol. 2, H228 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 |

Full text of hazard classes and H-statements: see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : People with over sensitivity problems are not allowed to work or be exposed to the product.
- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.
- First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist.
- First-aid measures after ingestion : In case of accidental ingestion do not induce vomiting, rinse your mouth for a long time and consult a doctor.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects : Causes eye irritation. May be harmful in contact with skin. May cause an allergic skin reaction. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
- Symptoms/effects after inhalation : May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled.
- Symptoms/effects after skin contact : May be harmful in contact with skin. Causes mild skin irritation. Itching. Cracking of the skin. Prolonged or repeated contact may cause skin to become dry, irritation (itching, redness, blistering).
- Symptoms/effects after eye contact : May cause eye irritation, stinging, redness, itching, tears.
- Symptoms/effects after ingestion : Ingestion may cause nausea and vomiting. May cause irritation to the digestive tract.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Dry chemical, CO₂, or water spray or regular foam.
- Unsuitable extinguishing media : High pressure water jet.

5.2. Specific hazards arising from the chemical

- Fire hazard : Non-flammable product. Traces of toxic fumes may appear when incinerated. It is advisable to use breathing masks.
- Explosion hazard : No available data.
- Reactivity in case of fire : No data available.

5.3. Special protective equipment and precautions for fire-fighters

- Precautionary measures fire : Eliminate all ignition sources if safe to do so. Keep container closed when not in use.
- Firefighting instructions : In case of fire: Stop leak if safe to do so. Do not enter fire area without proper protective equipment, including respiratory protection.
- Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing.
- Other information : On exposure to high temperature, may decompose, releasing toxic gases. High temperature decomposition products are harmful by inhalation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin and eyes.

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6.1.1. For non-emergency personnel

- Protective equipment : Use necessary protective equipment to avoid the risk of contact with hands, skin, eyes and respiratory tract.
- Emergency procedures : In case of spillage or leakage in large quantities, isolate the area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : For further information refer to section 8: "Exposure controls/personal protection". Wear recommended personal protective equipment.

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Contain large spillage with sand or earth. Contain any spills with barriers or absorbents in order to avoid their transposition and entry into pipes and sewers. For large spills, confine the spill in a dike and charge it with wet sand or earth for subsequent safe disposal.
- Methods for cleaning up : Absorb remaining liquid with sand or inert absorbent and remove to safe place. Collect leaking and spilled liquid in sealable containers as far as possible. Clean contaminated surfaces with an excess of water.

6.4. Reference to other sections

See Heading 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
- Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Contaminated workclothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Do not handle until all safety precautions have been read and understood.
- Hygiene measures : Always wash hands after handling the product. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Store in a well-ventilated place. Keep container tightly closed. Keep only in original packaging.
- Storage conditions : Keep cool. Protect from sunlight.
- Incompatible products : No data available.
- Incompatible materials : No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| |
|---|
| Wood Glue 16 fl oz |
| No additional information available |
| 1-octanol (111-87-5) |
| No additional information available |
| sodium dodecyl sulphate (151-21-3) |
| No additional information available |
| nonylphenol, ethoxylated (9016-45-9) |
| No additional information available |

8.2. Appropriate engineering controls

- Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:

Protective gloves made of PVC, nitrile rubber gloves

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Eye protection:

Wear Safety Glasses with side shields

Skin and body protection:

Long sleeved protective clothing. Chemical resistant apron. Wear impervious rubber safety shoes

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-----------------------------|
| Physical state | : Liquid |
| Color | : light yellow |
| Odor | : Characteristic |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : > 90 °C |
| Relative evaporation rate (butyl acetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : No data available |
| Specific gravity / density | : 1.1 g/ml |
| Solubility | : Miscible with water. |
| Log Pow | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : 100000 mm ² /s |
| Viscosity, dynamic | : 110000 cP |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |

9.2. Other information

| | |
|-------------|------------------------|
| VOC content | : Less than 2.7% (w/w) |
|-------------|------------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids, strong oxidants.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| 1-octanol (111-87-5) | |
|-----------------------------|---|
| LD50 oral rat | > 5000 mg/kg (OECD 401: Acute Oral Toxicity, Rat, Male/ female, Experimental value, Oral) |
| LD50 dermal rabbit | 2000 - 4000 mg/kg (Other, 24 h, Rabbit, Male/ female, Experimental value, Dermal) |
| ATE US (dermal) | 2000 mg/kg body weight |

| sodium dodecyl sulphate (151-21-3) | |
|---|--|
| LD50 oral rat | 1200 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male / female, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rabbit | > 2000 mg/kg body weight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male/ female, Read-across, Dermal, 14 day(s)) |
| ATE US (oral) | 1200 mg/kg body weight |
| ATE US (gases) | 4500 ppmV/4h |
| ATE US (vapors) | 11 mg/l/4h |
| ATE US (dust, mist) | 1.5 mg/l/4h |

| nonylphenol, ethoxylated (9016-45-9) | |
|---|------------------------|
| ATE US (oral) | 4290 mg/kg body weight |

| | |
|-----------------------------------|----------------------------------|
| Skin corrosion/irritation | : Not classified |
| Serious eye damage/irritation | : Causes serious eye irritation. |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

| sodium dodecyl sulphate (151-21-3) | |
|---|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : Not classified

| | |
|-------------------------------------|---|
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : 100000 mm ² /s |
| Symptoms/effects | : Causes eye irritation. May be harmful in contact with skin. May cause an allergic skin reaction. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after inhalation | : May cause respiratory irritation. May cause an allergy or asthma symptoms or breathing difficulties if inhaled. |
| Symptoms/effects after skin contact | : May be harmful in contact with skin. Causes mild skin irritation. Itching. Cracking of the skin. Prolonged or repeated contact may cause skin to become dry. irritation (itching, redness, blistering). |
| Symptoms/effects after eye contact | : May cause eye irritation. stinging, redness, itching, tears. |
| Symptoms/effects after ingestion | : Ingestion may cause nausea and vomiting. May cause irritation to the digestive tract. |

SECTION 12: Ecological information

12.1. Toxicity

| 1-octanol (111-87-5) | |
|-----------------------------|---|
| LC50 fish 1 | 13.3 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Semi-static system, Fresh water, Experimental value) |
| EC50 Daphnia 1 | 20 mg/l (Equivalent or similar to OECD 202, 24 h, Daphnia magna, Static system, Fresh water, Experimental value) |

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| sodium dodecyl sulphate (151-21-3) | |
|---|---|
| LC50 fish 1 | 29 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal) |
| nonylphenol, ethoxylated (9016-45-9) | |
| ErC50 (algae) | 50 mg/l (Equivalent or similar to EU Method C.3, 48 h, Pseudokirchneriella subcapitata, Static system, Experimental value, Nominal concentration) |

12.2. Persistence and degradability

| 1-octanol (111-87-5) | |
|---|--|
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.09 g O ₂ /g substance |
| ThOD | 2.95 g O ₂ /g substance |
| BOD (% of ThOD) | 0.38 |
| sodium dodecyl sulphate (151-21-3) | |
| Persistence and degradability | Readily biodegradable in water. |
| nonylphenol, ethoxylated (9016-45-9) | |
| Persistence and degradability | Readily biodegradable in water. |

12.3. Bioaccumulative potential

| 1-octanol (111-87-5) | |
|---|---|
| Log Pow | 2.7 (Test data, ASTM E1147) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |
| sodium dodecyl sulphate (151-21-3) | |
| BCF fish 1 | 3.9 - 5.3 (72 h, Cyprinus carpio) |
| BCF fish 2 | 7.15 (Pisces, Chronic) |
| Log Pow | <= -2.03 (Calculated, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 20 °C) |
| Bioaccumulative potential | Not bioaccumulative. |
| nonylphenol, ethoxylated (9016-45-9) | |
| Log Pow | 3.7 (Experimental value, Equivalent or similar to OECD 117, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

12.4. Mobility in soil

| 1-octanol (111-87-5) | |
|---|--|
| Surface tension | 35.54 mN/m (25 °C, 0.36 g/l) |
| Ecology - soil | Highly mobile in soil. |
| sodium dodecyl sulphate (151-21-3) | |
| Surface tension | 0.0252 N/m (23 °C, 1 g/l, EU Method A.5: Surface tension) |
| Log Koc | 1.545 (log Koc, SRC PCKOCWIN v2.0, Experimental value) |
| Ecology - soil | Highly mobile in soil. |
| nonylphenol, ethoxylated (9016-45-9) | |
| Surface tension | 32.3 mN/m (20 °C, 1 g/l, OECD 115: Surface Tension of Aqueous Solutions) |
| Ecology - soil | No (test) data on mobility of the substance available. |

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

- Regional legislation (waste) : Waste Management Regulation published in the Official Journal numbered 29314 on April 2, 2015.
- Waste treatment methods : Dispose of as chemical waste in accordance with current local legislation.
- Sewage disposal recommendations : Disposal must be done according to official regulations.
- Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

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SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

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Data sources : Classification according to Classification, Labelling and Packaging of Substances and Mixtures (SEA) Regulation published in the Official Journal numbered 28848 on December 11, 2013. REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Full text of H-phrases:

| | |
|------|----------------------------------|
| H227 | Combustible liquid |
| H228 | Flammable solid |
| H302 | Harmful if swallowed |
| H315 | Causes skin irritation |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H335 | May cause respiratory irritation |

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.