

MSDS

Date of Issue: 1st March, 2015.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Zart GLUE STICK

Other Names: PVP Glue Stick

2. HAZARDS IDENTIFICATION

Critical hazards: Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Active in Product
Water	7732-18-5	56 – 66
Polyvinyl Pyrrolidone	9003-39-8	20 – 30
Sodium Stearate	822-16-2	6
Glycerin	56-81-5	8

4. FIRST AID MEASURES

FIRST AID:

Eye Contact: Immediately flush eyes with plenty of water.

Call a physician if irritation persists.

Skin Contact: No need for first aid is anticipated.

Inhaled: No need for first aid is anticipated.

Swallowed: No need for first aid is anticipated.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use fire extinguishers with class B extinguishing agents (e.g., dry chemical, carbon dioxide).

Exposure Hazards: No unusual fire or explosion hazards are anticipated.

Hazardous Decomposition: Hydrocarbons, Carbon Monoxide, Carbon Dioxide.

Fire-Fighting Procedures: Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, tunic and trousers (leggings),

bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head. Water may be used to blanket the fire.

6. ACCIDENTAL RELEASE MEASURES

Sweep (scoop) up and remove to a chemical disposal area. Prevent entry into natural bodies of water.

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practices. Always use appropriate Personal Protective Equipment (PPE).

Storage: Keep from freezing. Store in a cool, dry place. Keep containers tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection: Not applicable.

Hand Protection: Not applicable.

Skin Protection: Not applicable.

Respiratory Protection: Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Ingestion: Keep out of the reach of children. Not an expected route of exposure.

Recommended Ventilation: Not applicable.

Exposure Limits:

POLYVINYL PYRROLIDONE (9003-39-8) CMRG TWA Exposure Limit: 10 mg/m³ 5 mg/m³

GLYCERIN (56-81-5) UK HSE TWA: 10 mg/m³ as a mist OES

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White solid

Odour: Slight bland

Boiling Point: N/A

Percent Volatiles: Not determined

Melting point/melting range: Not determined

Flash Point: N/A

Auto flammability: Not determined

Explosive Properties: N/A

Evaporation Rate: N/A

Vapour Density (Air=1): N/A

Specific Gravity: Not determined

Solubility In Water: Complete

Vapor Pressure, mm Hg @ 20 C: N/A

Autoignition Temperature: N/A

Ph @25°C 10.5–11.5

10. STABILITY AND REACTIVITY

Materials to Avoid: None known.

Hazardous Decomposition: Hazardous polymerisation will not occur. Stable.

11. TOXICOLOGICAL INFORMATION

Effects from Eye Contact: Contact with the eyes during product use is not expected to result in significant irritation.

Effects from Skin Contact: Contact with the skin during product use is not expected to result in significant irritation.

Effects from Inhalation: No adverse health effects are expected.

Effects from Ingestion: No health effects are expected.

12. ECOLOGICAL INFORMATION

Ecotoxicity Data: A conservative assessment indicates this product presents a low environmental risk. Components released to the environment through use and disposal are expected to have minimal environmental impact.

13. DISPOSAL CONSIDERATIONS

Product after Use: As a disposal alternative, incinerate in an industrial or commercial facility.

Special Instructions: Dispose of waste product in a landfill/waste disposal site. Since regulations vary, consult applicable regulations or authorities before disposal.

14. TRANSPORT INFORMATION

Transportation: Non-Regulated.

15. REGULATORY INFORMATION

Symbol(s): None.

Risk Phrases: Not applicable

Safety Phrases: Not applicable

16. OTHER INFORMATION

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