



Safety Data Sheet

Report Date 08-Apr-15

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1. Identification

Product Name : CLASP
Synonyms : None
Product Use : Deposition Aid
Manufacturer/Supplier : Helena Chemical Company
Address : 225 Schilling Blvd. Collierville, TN 38017
General Information : 901-761-0050
Transportation Emergency Number : CHEMTREC:800-424-9300

2. Hazard Identification

Signal Word : Warning (no symbol)
Skin Irritation : Normally non-irritating. Product testing produced no skin irritation in rabbits.
Eye Irritation : Normally non-irritating. Product testing produced no eye irritation in rabbits.
Acute Toxicity Oral : LD50 > 34,600 mg/kg (rat)
Acute Toxicity Dermal : LD50 > 2,000 mg/kg (rabbit)
Hazard Categories : Oral/Dermal/Inhalation Toxicity - 5/5/5; Eye Irritation - 2B; Skin Irritation - 3
Hazard Statement : May be harmful if swallowed
May be harmful in contact with skin
Causes eye irritation
Causes mild skin irritation
May be harmful if inhaled

3. Composition / Information on Ingredients

Component	CAS Number	Weight %
Polyvinyl Polymer	Proprietary	1.00
Constituents ineffective as spray adjuvants	Nonhazardous	99.00

4. First Aid Measures

Eye : Flush eyes with plenty of water for at least 15 minutes. Contact a physician if irritation persists.
Skin : Remove contaminated clothing and wash affected areas with fresh water for at least 15 minutes. Seek medical attention if irritation persists.
Inhalation : Move to fresh air. If irritation persists, seek medical attention.
Ingestion : Seek immediate medical attention if large amounts are ingested.
Indication of Immediate Medical Attention and Special Treatment Needed : Treat symptomatically.

5. Fire Fighting Measures

Extinguishing Media : Use water spray, dry chemical, foam or carbon dioxide extinguishing agents.
Specific Hazards Arising from the Chemical : May produce carbon monoxide, carbon dioxide and/or other hazardous gases.
Special Fire Fight Proc : Use water spray to cool fire-exposed containers. Wear self-contained breathing apparatus and full protective clothing.



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6. Accidental Release Measures

- Personal Precautions** : Keep unprotected and unnecessary personnel out of spill area.
- Protective Equipment** : Splashproof goggles or face shield, impervious gloves. No respiratory protection required if good hygiene practices are followed.
- Emergency Procedures** : Prevent entry into sewers or waterways. Use emergency response personnel if spill is beyond the capability of in-house personnel. Unauthorized releases may be reportable under federal law to the National Response Center.
- Methods and Materials for Containment and Cleanup** : For small spills, dike and absorb spilled liquid with an inert absorbent.

7. Handling and Storage

- Precautions for Safe Handling** : Keep container tightly closed. Do not allow water to be introduced into the contents of this container. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash waters or spray waste.
- Conditions for Safe Storage** : Store in original container only.

8. Exposure Controls / Personal Protection

- TLV/PEL** : Not established for mixture or components.
- Appropriate Engineering Controls** : General and/or local exhaust should be sufficient.
- Personal Protective Equipment** : Splashproof goggles or face shield, impervious gloves. No respiratory protection required if good hygiene practices are followed.

9. Physical and Chemical Properties

- Odor/Appearance** : Clear, colorless viscous liquid; mild odor.
- Flash Point, °F** : >212 Degrees F.
- Boiling Point, °F** : Not determined
- Melting Point(Freezing point), °C** : Not applicable
- Vapor Pressure, mm Hg @ 20 °C** : Not determined
- Vapor Density** : Not determined
- Solubility in Water** : Soluble
- Molecular Formula** : Not applicable, formulated mixture.
- Density, g/mL @ 25 °C** : 0.997-1.029
- Evaporation Rate(Butyl Acetate = 1)** : Not determined
- Octanol/Water Partition Coefficient** : No information found
- pH** : 4.5-7.0
- Flammable Limits (approximate volume % in air)** : Not determined
- Auto-ignition Temperature** : Not determined
- Decomposition temperature** : Not determined

10. Stability and Reactivity

- Reactivity** : No information found
- Chemical Stability** : Stable



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- Hazardous Decomposition Products** : Combustion may produce carbon monoxide, carbon dioxide and/or other hazardous gases.
- Hazardous Polymerization** : Will not occur
- Conditions to Avoid** : Avoid oxidizing materials.
- Incompatible Materials** : Do not mix with strong oxidizing agents.

11. Toxicological Information

- Acute Toxicity (Oral LD50)** : >34,600 mg/kg (rats)
- Acute Toxicity (Dermal LD50)** : >2,000 mg/kg (rabbits)
- Acute Toxicity Inhalation LC50** : No data available. Mild irritation to the respiratory tract if exposed to spray or mist.
- Likely Routes of Exposure** : Skin and eyes.
- Skin Irritation** : Product is normally non-irritating. Product testing produced no skin irritation in rabbits.
- Eye Irritation** : Product is normally non-irritating. Product testing produced no eye irritation in rabbits.
- Skin Sensitization** : No information found
- Carcinogenic** : Not listed by IARC, NTP or OSHA.
- Chronic Effects** : No information available.
- Other Hazards** : No information found.

12. Ecological Information

- Ecotoxicity** : No information found
- Persistence and Degradability** : No information found
- Bioaccumulative Potential** : No information found
- Mobility in Soil** : No information found
- Other Adverse Effects** : Prevent entry into sewers or waterways.

13. Disposal Considerations

- Waste Disposal Method** : This material must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

14. Transport Information

- UN Proper Shipping Name** : Not regulated by D.O.T.
- Transport Hazard Class** : None
- UN Identification Number** : None
- Packaging Group** : None
- Environmental Hazards** : No information found
- Transport in Bulk** : No information found
- Special Precautions for Transportation** : None
- Freight Classification** : Adhesives, Adjuvants, Spreaders or Stickers, N.O.I. (NMFC Item 42652, Class 60)

15. Regulatory Information

- National Fire Protection Association Rating** :



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Health: 1 Fire: 0 Reactivity: 0
Rating Level: (4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

**S.A.R.A Title III Hazard :
Classification (Yes/No)**

Immediate(Acute) Health: Y
Delayed (Chronic) Health: N
Sudden Release of N
Pressure:
Fire: N
Reactive: N

16. Other Information

Data of Preparation/Revision : 08-April-2015