

# SAFETY DATA SHEET

Prepared according to OSHA, GHS and ANSI Z400.1-2004 standards

## 1. PRODUCT AND COMPANY INFORMATION

**Product/Chemical Name:** Polyvinyl Chloride/ Solvent Mixture

**Trade Names:** **Clear and Purple PrimaGlue**

**Product Numbers:**

**Manufacturer:** Gorilla PVC Cement, LLC

PO Box 530308

West Palm Beach, FL 33403-8904

Phone (888) 367-4583 Fax (866) 782-4583

[www.GorillaPVC.com](http://www.GorillaPVC.com)

**In case of Emergency:** CHEMTREC 1-800-424-9300 (U.S. and Canada)

**Preparation/ Revision Date:** May 1, 2015

## 2. HAZARDS IDENTIFICATION

**Appearance:** Product comes in a variety of colors.

**Odor:** Amine-like

### GHS SYMBOLS:



**SIGNAL WORD: DANGER**

### Hazard Statements:

- Combustible Liquid.**
- Causes skin irritation.**
- Causes serious eye irritation.**
- May damage fertility or the unborn child.**
- May cause respiratory irritation.**
- May cause drowsiness or dizziness.**

### Precautionary Statements:

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/ face protection. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.

**Response:** If exposed or concerned: Get medical advice/ attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical advice/attention. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Take off contaminated clothing and wash it before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**Storage:** Store locked up. Store in a well ventilated place. Keep container tightly closed.

**Disposal:** Dispose contents/ container to an approved waste disposal plant.

**See section 11 for complete health hazard information**

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## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### Hazardous ingredients:

CAS NUMER	INGREDIENT/ CHEMICAL NAME	PERCENT BY WEIGHT
872-50-4	N-METHYL-2-PYRROLIDONE	>80
PROPRIETARY	POLYVINYL CHLORIDE RESIN	BALANCE

\*\*If Chemical CAS No is "proprietary" and/or % weight is listed as a range, the specific chemical identity has been withheld as a trade secret. \*\*

## 4. FIRST AID MEASURES

### General

If exposed or concerned: Get medical advice/attention.

### Eye Contact

Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

### Skin Contact

Wash affected areas thoroughly with soap and water for at least 15 minutes. Remove exposed or contaminated clothing, taking care not to contaminate eyes. Get medical advice/attention if irritation occurs.

### Inhalation

Remove to fresh air. If necessary, use artificial respiration to support vital functions. If breathing is difficult, give oxygen. Call a physician.

### Ingestion

Dilute by giving a large amount of water. Induce vomiting, but only if victim is fully conscious. Call a physician or poison control center immediately.

## 5. FIRE FIGHTING MEASURES

### Flash Point

95.6°C / 204°F (ASTM D-93(73) Based on UL)

### Extinguishing Media

Foam, CO<sub>2</sub> or Dry Chemical. Cool fire exposed container with water.

### Fire-Fighting Instructions

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. If it is safe to do so, allow small fires involving this product to burn-out, while protecting exposures. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse contaminated equipment thoroughly before returning such equipment to service.

### Specific Hazards

Can react with oxidizing materials.

## 6. ACCIDENTAL RELEASE MEASURES

### Spill /Leak Procedures

In case of a spill, clear the affected area and protect people. Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. Small releases (e.g., 1-pint) must be cleaned-up by personnel wearing gloves, goggles, and appropriate eye protection. Face shields must be worn if splashes or sprays of this product may be generated. In the event of a non-incident release (e.g., five, 1-gallon

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containers leaking simultaneously in a poorly-ventilated area), the minimum Personal Protective Equipment should be Level B: triple-gloves (rubber gloves and nitrile gloves, over latex gloves), chemically resistant suit and boots, hard-hat, and Self-Contained Breathing Apparatus. Level B should always be used during responses in which the oxygen level is below 19.5% or unknown.

## **Waste Disposal Method**

Dispose of in accordance with U.S. Federal, State, or local procedures, the applicable standards of Canada and its Provinces, or the appropriate requirements of European Community member States (see Section 13, Disposal Considerations).

## **Cleanup:**

Eliminate all sources of ignition before spill clean-up begins. Use non-sparking tools. Absorb spilled liquid with activated carbon, polypads or other suitable absorbent materials. Monitor the area for combustible vapors and the level of oxygen. Monitoring must indicate less than 10% of the LEL (see Section 5, Fire-Fighting Measures) and greater than 19.5 % Oxygen is in the atmosphere before personnel are permitted in the area without Level B Protection. Place all spill residues in an appropriate container and seal. Place the bulk of any spilled material into drums.

## **7. HANDLING AND STORAGE**

### **Handling Precautions**

All employees who handle this material should be trained to handle it safely. Containers of this product must be properly labeled. Wash thoroughly after handling. Use personal protective equipment recommended in Section 8. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Keep away from heat, sparks, flame and other sources of ignition. Therefore, empty containers should be handled with care. Do not expose "empty" containers to welding touches, or any other source of ignition.

### **Storage Requirements**

Store containers of the product in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Material should be stored in secondary containers, or in a designated area, as appropriate. Storage areas should be made of fire-resistant materials. Inspect all incoming containers before storage, to ensure containers are properly labeled and not damaged. Refer to NFPA 30, Flammable and Combustible Liquids Code for additional information on storage.

## **8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

### **Component Exposure Limits:**

No exposure limits noted for ingredient(s).

**Respiratory Protection:** Respiratory protection is not generally needed when using this product. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134 or applicable State regulations. Use supplied air respiration protection if oxygen levels are below 19.5% or are unknown.

**Protective Gloves:** Wear gloves for routine industrial use to protect hands from contact. For long exposures, or unusual contact, such as spill cleanup, chemical resistant gloves may be required. See section 6.

**Eye Protection:** Splash goggles or safety glasses. Face shield should be worn when working in situations in which splashes or sprays can be generated. Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Other Protective Clothing or Equipment:** Use body protection appropriate for task (e.g., Apron or Tyvek suit).

**Other/Hygienic Practices:** Wash with soap and water after use. Never eat or drink in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Product comes in a variety of colors.  
**Physical State:** Liquid  
**Odor:** Amine-like  
**Odor Threshold:** Not determined  
**pH:** Not determined  
**Freezing Point:** Not determined  
**Melting Point:** Not determined  
**Boiling Point and Boiling Range:** 204.3°C / 401°F  
**Flash Point:** 95.6°C / 204°F (ASTM-93(73) Based on UL)  
**Evaporation Rate:** Not available  
**Flammability:** N/A-Liquid  
**Upper Flammability Limit:** 9.5%  
**Lower Flammability Limit:** 1.3%  
**Vapor Pressure:** < 1.0 millibar @20°C/ 68°F  
**Vapor Density:** 3.4 (Air= 1.0)  
**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.1±0.040  
**Water Solubility:** Somewhat soluble.  
**Partition coefficient (n-octanol/ water):** Not determined  
**Auto-ignition temperature:** Not determined  
**Decomposition temperature:** Not determined  
**Viscosity:** Not available

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at room temperature in closed containers under normal storage and handling conditions.  
**Conditions to Avoid:** Avoid exposure or contact to extreme temperatures, sources of ignition, incompatible chemicals.  
**Incompatible Materials:** This product will not be compatible with oxidizing agents, moisture and strong acids.  
**Polymerization:** Polymerization is not expected to present a significant hazard.  
**Hazardous Decomposition or byproducts:** Carbon oxides, nitrogen oxides

## 11. TOXICOLOGICAL INFORMATION

### ACUTE EXPOSURE

#### Component Analysis (LD<sub>50</sub>/ LC<sub>50</sub>)

##### N-methyl-2-pyrrolidone (CAS# 872-50-4)

Inhalation-Rat LC<sub>50</sub>: 3.1 mg/L, Oral-Rat LD<sub>50</sub>: 35998 mg/kg, Dermal-Rabbit LD<sub>50</sub>: 8 g/kg.

**Eye Irritation:** Causes serious eye irritation.

**Skin Irritation:** Causes skin irritation.

**Ingestion Health Risks:** May be harmful if swallowed.

**Respiratory Health Risks:** Avoid breathing vapors or mists.

### CHRONIC EXPOSURE

**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Reproductive Toxicity:** May damage fertility or the unborn child.

**STOT- single exposure:** May cause respiratory irritation. May cause drowsiness or dizziness.

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## 12. ECOLOGICAL INFORMATION

### ENVIRONMENTAL TOXICITY

**Ecotoxicity:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

**N-methyl-2-pyrrolidone:**

LC<sub>50</sub> (*Lepomis macrochirus*) 96 hours= 832 mg/L

LC<sub>50</sub> (*Pimephales promelas* fathead minnow) 96 hours= 1072 mg/L

LC<sub>50</sub> (*Poecilia reticulata*) 96 hours=1400 mg/L

EC<sub>50</sub> (*Daphnia magna*) 48 hours = 4897 mg/L

EC<sub>50</sub> (*Desmodesmus subspicatus*) 72 hours = 500 mg/L

### ENVIRONMENTAL DATA

**Biodegradation:** Not determined.

**Bioaccumulation:** Not determined.

**Soil Mobility:** Partition coefficient of -0.46.

**VOC INFORMATION:** This product emits VOC's (volatile organic compounds) in its use. Make sure that use of this product complies with local VOC emission regulations, where they exist. **VOC Level for Gorilla PVC Primagluce: 920 g/l as per SCAQMD Test Method 1168/316A.**

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal:** Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, those of Canada and its Provinces, as well as those applicable to the EC Member States. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

## 14. TRANSPORT INFORMATION

**Special Provisions:**

Not regulated by U.S. Department of Transportation (USDOT) when shipped in packages of 119 gallons or less.

**DOT (US)**

**For Greater than 1 liter (0.3 gal):**

**NA- Number:** 1993

**Shipping Name:** Combustible Liquid, n.o.s. (N-methyl-2-pyrrolidone)

**Transport Hazard Class/ Packing Group:** CBL, Group III

**Required Labels:** NON

**For Less than 1 liter (0.3 gal):**

**Required Labels:** None (Limited Quantities are expected from labeling)

**Marine Pollutant:** Not Dangerous Goods

**IMDG Code:** Not Dangerous Goods

## 15. REGULATORY INFORMATION

**U.S. Federal Regulations:**

**Component Analysis**

The components of this product are subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act, and are listed as follows:

CHEMICAL NAME	SARA 313- Threshold Values % (40 CFR 372.65)
N-methyl-2-pyrrolidone (CAS# 108-94-1)	1.0

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## State Right to Know Regulations

The following states include N-methyl-2-pyrrolidone in their hazardous chemicals regulations: New Jersey, Massachusetts and Pennsylvania.

## CALIFORNIA, SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains N-methyl-2-pyrrolidone, a chemical known to the State of California to cause birth defects or other reproductive harm.

## 16. OTHER INFORMATION

**Prepared by:** Karla A. Torruellas, Technical Manager

**Revision Summary:** Revision # 2

### Key/Legend

EPA = Environmental Protection Agency; TSCA = Toxic Substance Control Act; ACGIH = American Conference of Governmental Industrial Hygienists; IARC = International Agency for Research on Cancer; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration.

### Other Information

#### NFPA and HMIS:

NFPA Hazard Signal: Health: 2 Flammability: 0 Reactivity: 0 Special: None

HMIS Hazard Signal: Health: 2 Flammability: 0 Reactivity: 0 PPE: H



**Manufacturer Disclaimer:** Information given herein is offered in good faith as accurate, but without guarantee.

Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.