

**WRProducts, LLC
MONTCLAIR, CALIFORNIA 91763
PHONE # 855-GRN-ARMY**

**Material Safety Data Sheet
#R-20 GREEN HIGH TEMP RETAINING COMPOUND
ANAEROBIC ADHESIVE**

Composition, Information on ingredients.

Ingredients	CAS Number	%
Polglycol dimethacrylate	25852-47-5	30-60
Hydroxyalkyl methacrylate	27813-02-1	5-10
Cumene Hydroperoxide*	80-15-9	1-3
Aliphatic Urathane Acrylic	Proprietary	50-70
Saccharin	81-07-2	.1-1

- This component is listed as a SARA Section 313 toxic chemical.

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	Other
Cumene Hydroperoxide	None	None	1ppm(6mg/m3) Skin (Weel)

3. Hazards Identification

Toxicity:	Severe eye irritant. Moderate skin irritant. Possible inhalation irritant. May be harmful if swallowed.
Primary Routes of entry:	Skin, eyes, inhalation, ingestion
Signs and symptoms of Exposure:	May cause severe dermatitis on prolonged contact in sensitive individuals.
Existing Conditions Aggravated by Exposure:	None known.

4. First Aid Measures

Ingestion:	Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation:	Does not apply.
Skin Contact:	Wash with soap and water.
Eye Contact:	Flush at least 15 minutes with water. Obtain medical attention.

5. Fire Fighting Measures

Flash Point: More than 200° F. **Method:** Tag Closed Cup
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical.
Special Fire Fighting Procedures: Not available.
Hazardous Products formed by fire or Thermal Decomp: Irritating organic vapors.
Unusual Fire or Explosion Hazards: None.

Explosive Limits:

(% by volume in air) Lower Not available.

(% by volume in air) Upper Not available.

6. Accidental Release Measures

Steps to be taken in case of spill or leak: Maintain adequate ventilation.
Soak up in an inert absorbent. Store in partly filled closed container until disposal.

7. Handling and Storage

Safe Storage: Store below 100° F.
Handling: Avoid prolonged skin contact. Keep away from eyes.
Do not breathe vapors.

8. Exposure Controls, Personal Protection

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Sufficient to maintain vapor concentration below TLV.
Respiratory: OSHA approved respirator if ventilation is inadequate.

9. Physical and Chemical Properties

Appearance: Green liquid
Odor: Mild
Boiling Point: More than 300° F.
Ph: Does not apply.
Solubility in Water: Slight
Specific Gravity: 1.05 at 80° F.
Volatile Organic Compound (EPA Method 24): 38.4%; 426 grams per liter.
Vapor Pressure: Less than 5mm at 80° F.
Vapor Density: Not available.
Evaporation Rate: Not available.

10. Stability and Reactivity

Stability: Stable
Hazardous Polymerization: Will not occur.
Incompatibility: None
Conditions to avoid: Not available.
Hazardous decomposition Products (non-thermal): None

11. Toxicological Information

Oral LD50 more than 1000 mg/kg
Estimated dermal LD50 more than 200mg/kg.

12. Ecological Information

No data available.

13. Disposal Considerations

Recommended methods of Disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: NH – Not a RCRA Hazardous Waste Material.

14. Transportation Information

DOT (49 CFR 172)
Domestic Ground Transport
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification number: None
Marine Pollutant: None

IATA
Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. Regulatory Information

CA Proposition 65: Warning this product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Propylene oxide (ppb levels of arsenic, Cd, Pb, Ni). This product contains Saccharin. No Prop 65 hazard warning is necessary if this product is used as reasonably anticipated.

16. Other information

Estimated NFPA ® Code:

Health Hazard: 1
Fire Hazard: 1
Reactivity Hazard: 1
Specific Hazard: Does not apply.

Estimated HMIS ® Code:

Health Hazard: 1*
Flammability Hazard: 1
Reactivity Hazards: 1
Personal Protection: See section 8.

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HMIS ® is a registered trademark of the National Fire Protection Association