

Material Safety Data Sheet

20 Green – Anaerobic Adhesive

ADHESIVE®



TELEPHONE 715-832-4557

1. Product Identification

Product Name ADHESIVE R&D 20 Green
Product Anaerobic Adhesive

2. Composition

Ingredients	CAS#	WT%
Aromatic dimethacrylate ester	24448-20-2	40-50
Polglycol dimethacrylate	25852-47-5	20-30
Bisphenol A fumarate resin	39382-25-7	10-20
Hydroxyalkyl methacrylate	27813-02-1	5-10
Cumene Hydroperoxide*	80-15-9	1-3
Maleic Acid	110-16-7	.1-1
Saccharin	81-07-2	.1-1

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

Ingredients that Have Exposure Limits

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

Symptoms of Exposure May cause severe dermatitis on prolonged contact in sensitive individuals.

Existing Conditions Aggravated by Exposure None Known

4. First Aid Measures and Personal Protection

Note: See supplemental page or emergency procedures and additional First Aid information.

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

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

If a spill or leak occurs, maintain adequate ventilation. Soak up in an inert absorbent. Store in partly filled closed container until disposal.

7. Handling and Storage

Storage Store below 100°F

Handling Avoid prolonged contact with skin. Keep away from eyes. Avoid breathing vapors.

8. Exposure Controls, Personal Protection

Eyes Chemical 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	1.11 at 80°F
VOC	38.4%; 426 grams per liter (EPA Method 24)
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 200 mg/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 (49CFR 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.
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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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