

MATERIAL SAFETY DATA SHEET

Update Limited  
134 Peavey Circle  
Chaska, MN 55318  
Ph.952-556-5666Fx.952-556-8777  
1-800-229-0009

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U0950

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1. Product Identification

PRODUCT TYPE.....Resin Adhesive  
PRODUCT NAME.....R90310  
PRODUCT CODE.....R90310  
CHEMICAL FAMILY.....Emulsion Polymer  
SYNONYM NAME(S).....Adhesive

2. Hazardous Ingredients

Chemical	CAS No.	Wt %	Exposure Limits

Recommended HMIS III Rating: 110A

3. Physical Data

Pure Material or Mixture.....Mixture  
Physical Form.....Liquid  
Appearance/Physical Description.....White, Blue, Pink or Fluorescing Liquid,  
.....Slight Sweet Odor.  
PH as is.....5.0  
Boiling Point.....of water  
Freezing Point.....of water  
Solubility in Water.....Miscible  
Specific Gravity (Water =1).....1.02  
Bulk Density.....8.5 lb/gal  
Volatiles.....53%  
Evaporation Rate.....of water  
Vapor Pressure (mmHg).....not determined  
Vapor Density (Air = 1).....not determined  
Volatile Organic Compounds.....not determined  
.....not determined

4. Fire and Explosive Data

Auto Ignition.....Unknown  
Flash Point.....>250°F  
.....Method: Taglibue Closed  
.....Tester/Tag Closed Tester  
Upper Explosive Limit (%).....12.5  
Lower Explosive Limit (%).....7.5  
Extinguishing Media.....Dry Chemical; Co2

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Special Fire Fighting Procedures .....Alcohol Foam Self -Contained Breathing Apparatus to Protect against Potentially Toxic and Irritating fumes.
Fire & Explosion Hazards .....Negligible Fire Hazard when Exposed to Heat or Flame
NFPA Flammability Hazard Class .....1 = Slight

5. Health Effects Data

Short Term Effects of Exposure

Route of Entry .....Inhalation
Acute Effects .....No Hazard in Normal Use
Route of Entry .....Ingestion
Acute Effects .....No Hazard in Normal Use.
Route of Entry .....Skin Contact
Acute Effects .....No Hazard in Normal Use.
Route of Entry .....Eye Contact
Acute Effects .....No Hazard in Normal Use
HMIS III Health Hazard .....1 = Slight.

First Aid Procedures

Eyes .....Immediately Flush Eyes with Large Amounts of Water for at least 15 Minutes, Lifting Upper and Lower Lids. Get Prompt Medical Attention.

\* NOTE: Mild Irritant on Eyes.

Skin Contact .....None
Inhalation .....None
Ingestion .....None

Long -Term Effects of Exposure

Effects of Chronic Exposure .....None
Target Organs .....None

Special Health Effects

Carcinogenicity .....None

Toxicology Information

Non Toxic

6. Recommendations for Personal Protective Equipment

Conditions under Which PPE Req'd .....Normal Work Conditions
Eye Protection Requirements .....Wear Safety Glasses with Side Shields.
Glove Requirements .....Not Required
Clothing Requirements .....Not Required
Change/Removal of Clothing .....Not Required
Wash Requirements .....Not Required
Respirator Requirements .....Not Required
Ventilation Requirements .....Local; General
HMIS III PPE Rating .....A

7. Reactivity

Stability .....Stable
Incompatibilities .....Water Reactive Materials
NFPA Reactivity Hazard Class .....0=Insignificant
Hazardous Decomposition Products .....Carbon Monoxide, Carbon Dioxide
Hazardous Polymerization .....Will Not Occur

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**8. Spill and Leak Procedures**

Spill or Leak Procedures .....Spills should be Taken up with Suitable Absorbent and Placed in Containers. Spill Area can be washed with Water; Collect Wash Water for Approved Disposal. **Do Not Flush to Storm Sewer or Waterway.**

Water Disposal Methods .....Waste Disposal Should be in Accordance with Existing Federal, State and Local Environmental Regulations.

**9. Handling and Storage Precautions**

Handling/Storage.....Keep from Freezing, Keep in Ventilated Area to Minimize Contact with Atmospheric Air, Avoid Breathing Vapors, Avoid Eating, Drinking or Smoking Around Open Containers.

**10. Shipping Information**

DOT Shipping Name.....Adhesive N.O.I.

DOT Hazard Class .....Non Hazardous

DOT Reportable Quantity .....Not Noted

**11. Other Regulatory**

TSCA .....ALL Components are on the TSCA Inventory.

SARA Title III: Section 313 Toxic Chemical List:

This product may contain the following substances at or above de minimus concentrations: NONE

“OUR SERVICE ENGINEERS ARE AVAILABLE TO HELP PURCHASERS OBTAIN BEST RESULTS FROM OUR PRODUCT, AND RECOMMENDATIONS ARE BASED ON TEST AND INFORMATION BELIEVED TO BE RELIABLE. HOWEVER, WE HAVE NO CONTROL UNDER WHICH OUR PRODUCTS ARE TRANSPORTED TO, STORED, HANDLED, OR USED BY PURCHASERS AND, IN ANY EVENT, ALL RECOMMENDATIONS AND SALES ARE MADE ON CONDITION THAT WE WILL NOT BE HELD LIABLE FOR ANY DAMAGES RESULTING FROM THEIR USE. NO REPRESENTATIVE OF OUR HAS ANY AUTHORITY TO WAIVE OR CHANGE THIS PROVISION.”

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