



MATERIAL SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification		
Product / Trade Name	08634 Variations: -400 (B-1-988), -600 (B-1-1057)	MSDS Rev # NEW Validation Date 08-2004
Supplier / Manufacturer	Evans Adhesive Corporation 925 Old Henderson Road Columbus, OH 43220 USA (614) 451-2665 (800) 888-0925	EMERGENCY PHONE 614-451-2665
Chemical Name	Vinyl Acetate Emulsion Mixture	

Section 2. Hazards Identification	
EMERGENCY OVERVIEW	HMIS
Appearance: Liquid – White, Blue, Red	HEALTH 1
Flammability: Polymer will burn when water is removed.	FIRE 0
Environmental: This product is expected to be of low toxicity to aquatic organisms.	REACTIVITY 0
Health: This product presents little or no immediate hazard to people if spilled or released.	PPE B, See section 8 of this MSDS
Disposal: Dispose in accordance with local, state and federal regulations. To the best of our knowledge this product is not a hazardous waster under RCRA.	0=Minimal; 1=Slight; 2=Moderate; 3=Serious; 4=Severe
Potential Health Effects	
Eye Contact	This product is a mild eye irritant
Skin Contact	This product is not expected to cause skin irritation. Its ability to cause allergic skin reactions is unknown, as no test data exists.
Inhalation	This product is a mild respiratory irritant.
Ingestion	Small amounts, if swallowed, are not expected to cause injury.

Section 3. Composition and Information on Ingredients		
Name	CAS #	% by Weight
Polyvinyl Acetate Emulsion		50-70%
Dibenzoate Plasticizer		5-15%
Water		0-10%
Urea	57-13-6	5-15%
Glycerine	56-81-5	5-15%
See Section 8 for Exposure Controls / Exposure Limits / Personal Protection Information		

Section 9. Physical and Chemical Properties

Physical State	Liquid	Vapor Density	Water: 0.9822
Odor	Mild	Solubility (Water)	Soluble
Color	White, Blue, Red or Brown	Percent Volatile	Approx. 27% (including water)
Specific Gravity	1.08	Evaporation Rate	Less than One (Butyl Acetate= 1)
Boiling Point	Water: 212°F	R/B Softening Point	N/A
Vapor Pressure (mm Hg)	Water: 17.535	V.O.C. (approximate %)	0.11%
pH	4.0-7.0	H.A.P.S.	None

Section 10. Stability and Reactivity Data

Chemical Stability	Stable
Conditions to avoid	Coagulation may occur following freezing, thawing or boiling.
Incompatibility	Water sensitive materials, such as sulfuric acid or alkali materials. Strong oxidizing agents and borax.
Hazardous Decomposition Products	Carbon monoxide and carbon dioxide in a fire.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Toxicity to Animals	No data available.
Toxicity to Humans	No data available.

Section 12. Ecological Information

Ecotoxicity	No data available.
Environmental Fate	No data available.

Section 13. Disposal Considerations

Waste Disposal	To the best of our knowledge, this product does not meet the definition of hazardous waster under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Incinerate or dispose of this material in a landfill according to federal, sate, and local regulations.
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Section 14. Transport Information

DOT Classification	This product is not regulated under the U.S. Department of Transportation.
Special Provisions for Transport	Protect from freezing.
Additional Shipping Information	National Motor Freight Classification – 4620
International Transportation Regulations	Not Established

Section 15. Regulatory Information

Federal and State Regulations	Toxic Substances Control Act (TSCA) – All components are listed. SARA Title III, Section 313: No reportable chemicals. California Proposition 65 Substances – Trace amount of Acetaldehyde.
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Section 4. First Aid Measures

Eye Contact	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes, while holding the eyelid(s) open. Obtain medical advice.
Skin Contact	Immediately flush with lukewarm, gently flowing water for 15 minutes. If irritation persists, repeat flushing and obtain medical advice. Completely decontaminate clothing, shoes and leather goods before reuse or discard the contaminated materials.
Inhalation	If symptoms are experienced, remove source of contamination or move victim to fresh air, and obtain medical advice.
Ingestion	If irritation or discomfort occurs, obtain medical advice immediately. Never give anything by mouth if victim is rapidly losing consciousness, is unconscious or is convulsing.
Notes to Physician	

Section 5. Fire and Explosion Data

Flammability of Product	Low. Product will only burn after the water it contains is driven off.
Auto-Ignition Temperature	No Data Available
Flash Point	None
Flammable Limits	None Established
General Fire Hazards	Product will only burn after the water it contains is driven off.
Hazardous Decomposition Products	When the polymer burns, water, carbon dioxide and carbon monoxide are produced.
Extinguishing Media	Water or Carbon Dioxide
Fire Fighting Equipment and Instructions	Masks to remove smoke and organic vapors from the respirable air are recommended.

Section 6. Accidental Release Measures

Containment	Dam up to limit spreading. Add borax to coagulate the liquid adhesive.
Clean-up Procedures	Mop up or absorb on inert material and place in containers.
Evacuation Procedures	Not typically necessary.
Special Instructions	Material is easier to clean up when it is a liquid. Avoid allowing the product to dry.

Section 7. Handling and Storage

Handling	Wear appropriate personal protective equipment, as listed in section 8.
Storage	Protect from freezing. Store the adhesive in closed containers.

Section 8. Exposure Controls / Personal Protection

Engineering Controls	Provide adequate ventilation for proper air circulation.		
Personal Protection			
Eye / Face	Wear safety goggles.		
Skin	Wear rubber, latex or nitrile gloves for repeated or prolonged exposure.		
Respiratory	None required.		
General	Normal cleanliness should be observed.		
Chemical Name or Product Name	CAS #	OSHA PEL	ACGIH TLV
Exposure limits have not been established for this mixture.			
NOTE: The 1989 OSHA PELs were vacated in 1993 and are not currently enforceable by Federal OSHA. However, some state OSHA programs may still enforce the 1989 limits.			

Section 16. Other Information

FDA Regulations Conforms to the composition requirements of Indirect Food Additive Regulation 21 CFR 175.105.

Key / Legend ACGIH = American Conference of Governmental Industrial Hygienists. ASTM = American Society for Testing and Materials. DOT = Department of Transportation. EPA = Environmental Protection Agency. IARC = International Agency for Research on Cancer. NIOSH = National Institute of Occupational Health and Safety. OSHA = Occupational Safety and Health Administration. PEL = Permissible Exposure Limit. SARA = Superfund Amendments and Reauthorization Act. TSCA = Toxic Substance Control Act

Validated by TSF on 8-11-04

Supercedes Date	NEW	Reason for Revision	New MSDS format.
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