



MATERIAL HEALTH AND SAFETY BULLETIN

Date Issued 11/23/85

Product Code No. WRL 0447

HAZARD RATING

- 4 Extreme
- 3 High
- 2 Moderate
- 1 Slight
- 0 Insignificant
- * Chronic Health Hazard



MANUFACTURER'S NAME

WALSH CHEMICAL CORPORATION

STREET ADDRESS

207 TELEGRAPH DRIVE

CITY, STATE, AND ZIP CODE

GASTONIA, N.C. 28054

Contact: WES LYBRAND

Business Phone: 704-865-7451

EMERGENCY TELEPHONE NO.

**WALSH
704-865-7451**

**CHEMTREC
800-424-9300**

PRODUCT: WRL 0447

COMMON NAME: Acrylic

GENERIC NAME:

CHEMICAL NAME: Poly Vinyl Acrylic Copolymer

CHEMICAL FAMILY: Acrylate

DOT PROPER SHIPPING NAME:

Liquid Latex

WARNING STATEMENT:

NOT FOR INGESTION

Section I - INGREDIENTS

TLV*

Residual Monomer below 0.2%

TLV*

Section II - EMERGENCY AND FIRST AID PROCEDURES

Contact	Holding the lids apart, flush contaminated eye(s) with a <u>gentle</u> stream of water for 15 minutes. If irritation or redness develop and persist, seek immediate medical attention.
Skin Contact	Remove contaminated clothing and cleanse skin thoroughly with soap and water. Seek medical attention if irritation, swelling, blistering or redness develop and persist.
Inhalation Ingestion Toxic to Physician	<p>No first aid is normally required. However, seek medical advice if any unusual symptoms develop.</p> <p>Eyes: May cause mild irritation. Stain for evidence of corneal injury.</p> <p>Skin: May cause mild irritation. Treat as any contact dermatitis. If burn is present, treat as any thermal burn.</p> <p>Respiratory: No effect expected. Oral: Low in toxicity.</p> <p>Systemic: Human effects not established. No specific antidote. Treatment based on sound judgement of physician and the individual reactions of the patient.</p>
Ingestion	Drink two or three cups of milk, fruit juice or water. No other first aid is normally required. However, if any unusual symptoms develop, seek medical advice.

Section III - PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

Eye Effects	This product may be an eye irritant.
Skin Effects	This product may cause skin irritation upon prolonged or repeated contact.
Systemic Effects	<p>Various studies have shown a possible association with exposure to this product and the following:</p> <p>Normal utilization of this product should not generate residual monomer concentration in excess of the recognized TLV. However, should exposure to concentration greater than TLV be encountered, reactions similar to those expected from the pure monomer may result.</p> <p>Any toxicity related to this product is not due to the relatively inert, non-toxic polymer, but rather to the residual monomer.</p>

Section IV - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type)	The use of respiratory protection depends on vapor concentration above the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved, if available), or supplied air equipment, depending on airborne concentration.		
Ventilation	General mechanical ventilation may be sufficient to keep product vapor concentrations within specified time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.		
Protective Gloves	The use of gloves which are impermeable to the specific material handled is advised to prevent skin irritation and absorption.	Eye Protection	Safety glasses, chemical goggles and/or face shields are recommended to safeguard against potential eye contact, irritation or injury.
Other Protective Equipment	Protective clothing is advised as good chemical handling practice. The availability of eye washes and safety showers in work areas is recommended.		

Section V - REACTIVITY DATA

Stability	Unstable		Conditions to Avoid:
	Stable	X	
Incompatibility (Materials to Avoid)	No hazardous reactions are expected to occur under normal industrial conditions; however, product properties may be altered by mixing with some materials.		
Hazardous Decomposition Products	Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide and traces of monomer.		
Hazardous Polymerization	May Occur		Conditions to Avoid:
	Will Not Occur	X	

Section VI - SPILL OR LEAK PROCEDURES

HIGHWAY OR RAILWAY SPILLS - CALL CHEMTREC 800/424-9300

Precautions In Case of Release or Spill	Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts of spilled material may be absorbed into an appropriate absorbant. Prevent spilled liquid from entering sewers, storm drains, other unauthorized treatment/drainage systems and natural waterways.
Waste Disposal Method	Dispose of product in accordance with applicable local, county, state and federal regulations.

Section VII - STORAGE AND SPECIAL PRECAUTIONS

Handling and Storage Precautions	Keep product containers cool, dry, and away from sources of ignition. Use and store this product with adequate ventilation. (See Section IV.) Keep product containers closed when not in use. Avoid subjecting this product to extreme temperature variations and freezing. Shocking the emulsion with large quantities of chemicals or extreme shear may cause coagulation.
Other Precautions	In general, minimal health and safety hazards are expected from use of this product. When working with any chemical compound, prudent handling practices should be exercised and unnecessary exposure avoided. Launder saturated clothing before wearing.

Section VIII - FIRE AND EXPLOSION HAZARD DATA

DOT Flammability Classification	Not applicable.	Flash Point Range: <input type="checkbox"/> Below 20° F, <input type="checkbox"/> 20° F - 100° F, <input type="checkbox"/> 100° F - 200° F, <input type="checkbox"/> None to boiling, <input checked="" type="checkbox"/> Over 200° F
Extinguishing Media	For dried solids use water, foam, CO ₂ or dry chemical fire fighting apparatus.	
Unusual Fire and Explosion Hazards	Closed containers exposed to extreme heat may rupture due to pressure buildup.	
Fire Fighting Procedures	Water may be useful in keeping fire exposed containers cool.	

Section IX - PHYSICAL DATA

Approximate Boiling Range, ° F	212 ° F	Vapor Density:	<input checked="" type="checkbox"/> Heavier Than Air <input type="checkbox"/> Lighter Than Air
Evaporation Rate:	<input type="checkbox"/> Faster Than Ether <input checked="" type="checkbox"/> Slower	Percent Volatile:	50%
Specific Gravity:	<input type="checkbox"/> Lighter Than Water <input checked="" type="checkbox"/> Heavier	Weight per Gallon:	8.9
Solubility in Water: Dispersable			
Appearance and Odor: White Liquid Slight Acrylic Odor			

Section X - DOCUMENTARY INFORMATION

Product Code No. WPL 0447	Issue Date 11/23/85	Prepared by S. Inglis
Replaces: UCD No.	Product Code No.	Issued
Reviewed By: D. Buckner	Manager, Loss Prevention	
Reviewed By:	Director of Occupational Health & Toxicology	
Reviewed By:	Science and Technology Division	

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