

Material Safety Data Sheet

McGill AirSeal LLC

MSDS Name	Uni-Cast Adhesive
Revision Date	January 1, 2013

Section 1: Chemical Product and Company Identification

Product Name	Uni-Cast Adhesive
CAS Number	none
HMIS Hazard Rating	Health: 1, Fire: 1, Reactivity: 0
Company Identification	McGill AirSeal LLC 2400 Fairwood Avenue Columbus, Ohio 43207
Contact	McGill AirSeal LLC
Telephone	(800)624-5535, (614)829-1200
Fax	(614)829-1488
Chemtrec (24-hour)	(800)424-9300
Chemtrec International	(703)527-3887
Product Class	polymer dispersed in water
Product Use	adhesive
Product Code	2435

Section 2: Composition and Information on Ingredients

Hazardous Ingredients	CAS Number	Percent
xylene	1330-20-7	1.19
vinylacetate	108-05-4	0.12
OSHA PELs and ACGIH TLVs are listed in Section 8 where applicable.		

Section 3: Hazard Identification

Emergency Overview	CAUTION: IRRITANT. Contains emulsified xylene. Do not allow eye contact or prolonged skin contact. FOR INDUSTRIAL USE ONLY. Material is a white liquid.
Routes of Entry	Ingestion: Yes; Inhalation: Yes; Skin: Yes; Eye: Yes
Inhalation	May cause headache and dizziness. High vapor concentrations are irritating to the nose, throat and lungs and can cause systemic effects.
Ingestion	Ingestion is not a probable route of exposure. Harmful if swallowed.
Skin	Prolonged or repeated skin contact can cause irritation. Solvent can be absorbed through the skin.
Eye	Mildly irritating to eyes.

Medical Conditions Aggravated by Exposure	Medical conditions associated with target organs may be aggravated by exposure.
Carcinogenicity	<p>IARC: Yes, 2B (vinylacetate). See Section 2 NTP: No OSHA: No</p> <p>The International Agency for Research on Cancer has determined vinylacetate to be carcinogenic in experimental animals. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans.</p>
Reproductive Toxicity	None currently known.
Target Organs	Eyes, skin, respiratory system, central nervous system, gastrointestinal tract, blood, liver, and kidneys
Section 4: First Aid Measures	
Inhalation	Remove to fresh air. If difficulty persists seek medical attention.
Ingestion	Call poison control center immediately. Follow their specific instructions. Do not induce vomiting.
Skin	Wash with soap and water. Contact a physician if irritation develops or persists.
Eye	Hold eyelids apart and flush with plenty of water for at least 15 minutes. Seek medical attention.
Section 5: Fire-Fighting Measures	
Flammability Class (OSHA)	IIIB
Flash Point	> 200°F; Set flash
Explosive Range	Not applicable
Extinguishing Media	Use alcohol foam, carbon dioxide, water spray, or ABC dry chemical when fighting fires involving this product.
Hazardous Combustion Products	Oxides of carbon
Fire-Fighting Procedures	Wear a NIOSH approved self-contained breathing apparatus.
Section 6: Accidental Release Measures	
Containment Techniques	Use inert absorbent to dike the spill. Keep away from drains.
Clean-up	Spread absorbent over material and scrape up material/absorbent and place in an approved container. If product has dried, scrape up and place in an approved container.
Emergency Measures	None required.
Section 7: Handling and Storage	
Handling	Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in well-ventilated area. Follow all MSDS/label precautions even after the container is emptied. Containers may retain product residues and vapors. Avoid prolonged or repeated contact with skin.

Storage	Keep from freezing.	
Precautionary Statement	KEEP OUT OF THE REACH OF CHILDREN.	

Section 8: Exposure Controls and Personal Protection		
Occupational Exposure Limits		
	xylene	vinyl acetate
ACGIH TLV	100.00 ppm	10.00 ppm
ACGIH TLV-C	Not Established	Not Established
ACGIH STEL	150.00 ppm	15.00 ppm
OSHA STEL	Not Established	Not Established
OSHA PEL	100.00 ppm	Not Established
Engineering Controls	Use local exhaust as needed to maintain occupational exposure limits. Maintain standard plant ventilation.	
Other	Facilities storing or utilizing any chemical should be equipped with an eyewash facility and a safety shower.	
Respiratory Protection	Where exposure limits may be exceeded select a NIOSH approved respirator with appropriate Protection Factor and cartridge for the specific contaminants. Follow requirements for respiratory protection in OSHA 1910.134.	
Eye Protection	Chemical splash goggles (ANSI Z87.1 or approved equivalent).	
Skin Protection	Where skin contact can occur, wear impervious gloves.	

Section 9: Physical and Chemical Properties		
Form	liquid	
Appearance/Color	white	
Odor	mild	
Solubility (in water)	miscible	
pH Value	4.0-5.5	
Boiling Range/Point	212°F	
Evaporation Rate	slower than n-Butyl Acetate	
% Volatile	70.0%	
Specific Gravity	1.05	
VOC	50.3 g/l	

Section 10: Stability and Reactivity		
Stability	This product is stable.	
Hazardous Polymerization	Hazardous polymerization will not occur.	
Conditions to Avoid	None known	
Incompatibility	Strong acids and strong bases	
	Not applicable	

Hazardous Decomposition Products

Section 11: Toxicological Information

This product has a low order of acute and chronic toxicity by all routes of exposure. A trace constituent, vinylacetate, is reported by the International Agency for Research on Cancer (IARC), to cause tumors in experimental animals at high doses not considered relevant to worker exposures. Epidemiologic studies of exposed human populations do not indicate an increased risk of cancer in exposed humans.

Two year animal tests (inhalation) at 50, 200, and 600 ppm of vinylacetate monomer have shown that some animals in the 600 ppm group developed tumors. There is no evidence of human carcinogenicity. Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

Exposure may cause eye and skin irritation. Prolonged skin exposure may cause burning, drying, and cracking of the skin. Inhalation of vapor or mist at levels exceeding permissible exposure standards can cause irritation of the respiratory tract, including nose and throat irritation. Prolonged inhalation exposure in high levels can cause central nervous system depression resulting in dizziness, drowsiness, weakness, nausea, headache, and unconsciousness. Ingestion can cause gastrointestinal irritation including vomiting and diarrhea. Vomiting can cause aspiration into the lungs, causing pneumonitis.

Section 12: Ecological Information

This formulation has not been tested for environmental effects.

Section 13: Disposal Considerations
Waste Disposal

Disposal of this product must comply with all applicable federal, state, and local regulations.

Container Disposal

Disposal of this container should comply with all applicable federal, state, and local regulations.

Section 14: Transport Information

UN Number: None
UN Pack Group: Not applicable
UN Class: Nonhazardous
ICAO/IATA: Nonhazardous
IMDG Class: Nonhazardous
Shipping Name: Nonhazardous

Packaging may not be approved for shipping by air. Contact McGill AirSeal for further information.

Section 15: Regulatory Information
SARA Title III Section 313

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 and of 40 CFR 372.

Chemical Name	CAS Number	Percent
xylene	1330-20-7	1.19
vinylacetate	108-05-4	0.12

TSCA (Toxic Substances Control Act Inventory)

All components of this product are listed on the TSCA inventory except as exempted.

Pennsylvania	
Hazardous components required to be listed at 1% or more	xylene; 1330-20-7
Non-hazardous components required to be listed at 3% or more	water; 7732-18-5 vinylacrylic copolymer emulsion; 26471-46-5
New Jersey	
	brom o-chlorinated paraffin; 68955-41-9 xylene; 1330-20-7 ethylene glycol; 107-21-1 water; 7732-18-5 vinylacrylic copolymer emulsion; 26471-46-5
Section 16: Other Information	
Disclaimer	While the information and recommendations set forth herein are believed to be accurate as of the data hereof, McGillAirSeal LLC makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.
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