MATERIAL SAFETY DATA SHEET

Supplier: Johnsonite, Inc.
16910 Munn Road, Chagrin Falls, Ohio 44023

Product: 905 Releasable Adhesive

24-Hour Emergency Telephone - Chemtrec: (800-424-9300)

SECTION 1. PRODUCT IDENTIFICATION

PRODUCT NAME: JOHNSONITE 905
CHEMICAL FAMILY: Acrylic Latex Adhesive

SECTION 2. HAZARDOUS INGREDIENTS AND EXPOSURE LIMITS

Chemical Name	CAS Number	% by Weight	ACGIH TLV	OSHA PEL
Vinyl Acetate	108-05-4	<0.27	10 ppm (TWA)	10 ppm (TWA)

SECTION 3. HAZARDS IDENTIFICATION

PRIMARY ROUTES OF ENTRY: Eyes, Skin, Inhalation.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.
POTENTIAL HEALTH EFFECTS:
EYE CONTACT: May cause slight irritation.
SKIN CONTACT: None expected.
INGESTION: May cause slight irritation to mouth, throat, and digestive system.
INHALATION: May cause slight irritation to throat, nose, and lungs if highly concentrated in enclosed areas.
CHRONIC: This product may contain trace amounts of vinyl acetate. IARC (1995 monograph) indicates vinyl acetate shows limited evidence in experimental animals and inadequate evidence in humans for carcinogenicity. However, vinyl acetate metabolizes to acetaldehyde, which is classified by IARC as 2B (possibly carcinogenic to humans) and therefore vinyl acetate is also classified by IARC as 2B. ACGIH classifies vinyl acetate as A3; an animal carcinogen, but not likely to cause cancer in humans except under uncommon or unlikely routes of exposure. OSHA does not classify vinyl acetate as a carcinogen.

SECTION 4. FIRST AID MEASURES

EYE CONTACT: Flush with water for 15 minutes. Call physician if irritation occurs.
SKIN CONTACT: Wash with soap and water.
INGESTION: To conscious person, give two glasses of water. Immediately call physician or poison control center. Do not induce vomiting without medical advice.
INHALATION: Move person to fresh air.

SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT (^{o})F: None.
FIRE-FIGHTING INSTRUCTIONS: Water for dried material. Use protective clothing and self-contained breathing apparatus.
COMBUSTION PRODUCTS: Dried material may produce CO, CO_2, H_2O, N_xO, and hydrocarbons.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain spill. Transfer spill material to secure container(s) for reuse or disposal. Dispense sand, sawdust, or vermiculite and absorb spill residue. Collect and place in waste container. Wash area thoroughly with water.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use good hygienic practices. (Wash hands before eating, using washroom, or smoking.) Keep out of the reach of children.
STORAGE: Store above 40° F. Freeze-thaw stable up to five cycles at 20° F. Store in closed container to prevent inoculation with microorganisms. Minimize exposure to air.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:
EYE/FACE PROTECTION: Wear safety glasses or chemical splash goggles if contact with material is likely.
SKIN PROTECTION: Wear impervious synthetic rubber gloves where contact with material is likely.
RESPIRATORY PROTECTION: Not normally required with good ventilation. Use a NIOSH approved respirator that prevents passage of vinyl acetate monomer where PEL can be exceeded.
ENGINEERING CONTROLS: Normal room ventilation. Site-specific mechanical exhaust where processing fumes or enclosed work areas cause build-up of fumes or vapors, and/or where PEL can be exceeded.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (^{o}F): 212
SPECIFIC GRAVITY (WATER = 1): 1.02
VAPOR PRESSURE: Same as water.
VAPOR DENSITY(air=1): Same as water.
% VOLATILE BY WEIGHT: 51
pH: 8.5
APPEARANCE AND ODOR: White gel with mild sweet odor.
VOLATILE ORGANIC COMPOUNDS (AS SOLVENT): 0 grams / liter.

SECTION 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.
POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Aldehydes, acetic acid.

SECTION 11. TOXICOLOGICAL INFORMATION

Vinyl Acetate Monomer: LC_{50} (1 hr): 5656 ppm (rat).

SECTION 12. ECOLOGICAL INFORMATION

No information.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations.

SECTION 14. TRANSPORT INFORMATION

For domestic transportation purposes, this product is not designated as a hazardous material by the U.S. Department of Transportation.

SECTION 15. REGULATORY INFORMATION

TSCA: The components of this product are listed on the TSCA inventory.
SARA TITLE III:
Section 311 and 312 Health and Physical Hazards:

Immediate	Delayed	Fire	Pressure	Reactivity
[ ]	[X]	[ ]	[ ]	[ ]

Section 313 Chemicals:

Chemical Name	CAS#	% by Weigh
Vinyl Acetate	108-05-4	< 0.27

CALIFORNIA PROPOSITION 65 CHEMICALS: Contains no known reportable chemicals.
HAZARDOUS AIR POLLUTANTS: Vinyl Acetate <0.27%
CALIFORNIA VOC (Volatile Organic Compound) COMPLIANCE:
Solvent Free Product
SCAQMD Rule 1168 VOC Compliant
SCAQMD Rule 443.1: Grams of VOC per Liter of Material < 1 gram/liter
Grams of VOC per Liter of Coating < 1 gram/liter

SECTION 16. OTHER INFORMATION

HMIS RATINGS: Health = 1* Flammability = 0 Reactivity = 0
Personal Protective Equipment = B * Denotes potential chronic health hazard
Hazard rating scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

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DATE ISSUED: January 3, 2012 CONTACT: Don Styka