Material Safety Data Sheet

HMIS (U.S.A.)	HCS Risk Phrases	Protective Clothing
Health Hazard 1 Fire Hazard 0 Reactivity 0 Personal Protection a	**Not controlled under the HCS (United States).**	

Section I. Chemical Product and Company Identification

Common Name/ Trade Name	**Craigbond 3256X**
Code	3256X:MS
Supplier	Craig Adhesives & Coatings 80 Wheeler Point Rd. Newark, NJ 07105 (973) 344-1483
In case of Emergency	Craig: (973) 344-1483 Chemtrec: (800) 424-9300
Synonym	Laminating Adhesive
Chemical Name	Water Based Adhesive
Chemical Family	Compounded Synthetic Resin Emulsion
Chemical Formula	Proprietary
Manufacturer	Craig Adhesives & Coatings 80 Wheeler Point Rd. Newark, NJ 07105 (973) 344-1483
Material Uses	See Technical Data Sheet.

Section II. Hazardous Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC_{50}/LD_{50}
Vinyl acetate	108-05-4	0-0.3	TWA: 10 STEL: 20 (ppm) from OSHA (PEL) TWA: 10 STEL: 20 (ppm) from ACGIH (TLV)	ORAL (LD50): Acute: 2920 mg/kg [Rat]. 1613 mg/kg [Mouse]. DERMAL (LD50): Acute: 2335 mg/kg [Rabbit].

Section III. Hazards Identification

Potential Acute Health Effects

Non-corrosive for skin. Non-sensitizer for skin.

Potential Chronic Health Effects

Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes. Non-hazardous in case of ingestion. Non-hazardous in case of inhalation.
CARCINOGENIC EFFECTS: Classified A3 (Proven for animal.) by ACGIH [Vinyl acetate].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
DEVELOPMENTAL TOXICITY: Not toxic.
The substance is not toxic to blood, kidneys, lungs, the nervous system, liver, , .

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Section IV. First Aid Measures

Eye Contact	NO known EFFECT on eye contact, rinse with water for a few minutes.
Skin Contact	NO known EFFECT on skin contact, rinse with water for a few minutes.
Hazardous Skin Contact	No additional information.
Inhalation	Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.
Hazardous Inhalation	No additional information.
Ingestion	DO NOT induce vomiting. Examine the lips and mouth to ascertain whether the tissues are damaged, a possible indication that the toxic material was ingested; the absence of such signs, however, is not conclusive. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.
Hazardous Ingestion	No additional information.

Section V. Fire and Explosion Data

Auto-Ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Products of Combustion	Not applicable.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available. No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.
Fire Fighting Media and Instructions	Not applicable.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	No additional remark.

Section VI. Accidental Release Measures

Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal.
Large Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV. Check TLV on the MSDS and with local authorities.

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Section VII. Handling and Storage

Precautions	Keep locked up. Do not breathe gas, fumes, vapor or spray. Wear suitable protective clothing. If you feel unwell, seek medical attention and show the label when possible.
Storage	Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.

Section VIII. Exposure Controls/Personal Protection

Engineering Controls	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
Personal Protection	Safety glasses. Lab coat.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Exposure Limits	**Vinyl acetate** TWA: 10 STEL: 20 (ppm) from OSHA (PEL) TWA: 10 STEL: 20 (ppm) from ACGIH (TLV) Consult local authorities for acceptable exposure limits.

Section IX. Physical and Chemical Properties

Physical state and appearance	Liquid. (Emulsion liquid.)	**Odor**	Slight.
pH(1% soln/water)	Neutral.	**Color**	White.

Boiling Point	The lowest known value is 100°C (212°F) (Water). Weighted average: 109.19°C (228.5°F)
Melting Point	May start to solidify at 0°C (32°F) based on data for: Water. Weighted average: 0°C (32°F)
Specific Gravity	Weighted average: 1.01 (Water = 1)
Vapor Pressure	The highest known value is 17.535 mm of Hg (@ 20°C) (Water). Weighted average: 16.4 mm of Hg (@ 20°C)
Vapor Density	The highest known value is 11.3 (Air = 1) (1401:MS). Weighted average: 1.35 (Air = 1)
Volatility	Not available.
Odor Threshold	Not available.
Evaporation rate	Not available.
Viscosity	900-1100 cps (Brookfield, 20 rpm, #4 spindle, 77ºF).
Water/Oil Dist. Coeff.	Not available.
Solubility	Easily soluble in cold water, hot water.

Section X. Stability and Reactivity Data

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.
Incompatibility with various substances	Slightly reactive to reactive with oxidizing agents.
Corrosivity	Non-corrosive in presence of glass.
Special Remarks on Reactivity	No additional remark.

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Special Remarks on Corrosivity	No additional remark.

Section XI. Toxicological Information

Routes of Entry	None
Toxicity to Animals	LD50: Not available. LC50: Not available.
Chronic Effects on Humans	**CARCINOGENIC EFFECTS**: Classified A3 (Proven for animal.) by ACGIH [Vinyl acetate]. **DEVELOPMENTAL TOXICITY**: Not toxic. The substance is not toxic to blood, kidneys, lungs, the nervous system, liver, , .
Other Toxic Effects on Humans	Non-corrosive for skin. Non-sensitizer for skin.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.
Special Remarks on other Toxic Effects on Humans	No additional remark.

Section XII. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation	No additional remark.

Section XIII. Disposal Considerations

Waste Disposal	Recycle to process, if possible. Consult your local or regional authorities.

Section XIV. Transport Information

DOT Classification	Not a DOT controlled material (United States).
Propper Shipping Name	Not applicable.
DOT Identification Number	Not applicable.
Packing Group	Not applicable.
Hazardous Sybstances Reportable Quantity	Not available.
Special Provisions for Transport	Not applicable.
DOT (Pictograms)	

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Section XV. Other Regulatory Information and Pictograms

Federal and State Regulations

California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning under the statute:
Acetaldehyde
Formaldehyde

CERCLA hazardous substances: No products were found.

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 313 toxic chemical notification and release reporting: **Vinyl acetate Monomer**;

Massachusetts RTK: No products were found.

Pennsylvania RTK: No products were found.

Florida: No products were found.

Minnesota: No products were found.

New Jersey: No products were found.

Other Classifications	**WHMIS (Canada)**	WHMIS CLASS D-2A: Material causing other toxic effects (VERY TOXIC).
	DSCL (EEC)	R40- Possible risks of irreversible effects.

National Fire Protection Association (U.S.A.)

Health

Fire Hazard

Reactivity

Specific hazard

WHMIS (Canada) (Pictograms)

DSCL (Europe) (Pictograms)

TDG (Canada) (Pictograms)

ADR (Europe) (Pictograms)

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Section XVI. Other Information

Other Special Considerations	Information on Hazardous Ingredients is listed in Section II. Toxic chemicals at <1.0% and OSHA carcinogens at <0.1% are not specifically identified.

Validated by Craig Adhesives and Coatings on 6/6/2008.

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Printed 6/6/2008.

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