


# Material Safety Data Sheet

HMIS (U.S.A.)	HCS Risk Phrases	Protective Clothing								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #00b0f0; color: white;">Health Hazard</td> <td style="text-align: center; font-weight: bold; font-size: 1.2em;">1</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">Fire Hazard</td> <td style="text-align: center; font-weight: bold; font-size: 1.2em;">0</td> </tr> <tr> <td style="background-color: #ffff00;">Reactivity</td> <td style="text-align: center; font-weight: bold; font-size: 1.2em;">0</td> </tr> <tr> <td>Personal Protection</td> <td style="text-align: center; font-weight: bold; font-size: 1.2em;">a</td> </tr> </table>	Health Hazard	1	Fire Hazard	0	Reactivity	0	Personal Protection	a	<p><b>Not controlled under the HCS (United States).</b></p>	
Health Hazard	1									
Fire Hazard	0									
Reactivity	0									
Personal Protection	a									

<b>Section I. Chemical Product and Company Identification</b>			
<b>Common Name/ Trade Name</b>	<b>Craigbond 2000R</b>	<b>Code</b>	2000R:MS
<b>Supplier</b>	Craig Adhesives & Coatings Co. 80 Wheeler Point Rd. Newark, NJ 07105 (973) 344-1483	<b>In case of Emergency</b>	Craig: (973) 344-1483 Chemtrec: (800) 424-9300
<b>Synonym</b>	Spine & Pocket Adhesive		
<b>Chemical Name</b>	Water Based Adhesive		
<b>Chemical Family</b>	Compounded Synthetic Resin Emulsion		
<b>Chemical Formula</b>	Proprietary		
<b>Manufacturer</b>	Craig Adhesives & Coatings Co. 80 Wheeler Point Rd. Newark, NJ 07105 (973) 344-1483	<b>Material Uses</b>	See Technical Data Sheet.

<b>Section II. Hazardous Ingredients</b>				
Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
No hazardous ingredient.				

<b>Section III. Hazards Identification</b>	
<b>Potential Acute Health Effects</b>	Slightly hazardous in case of eye contact (irritant). Non-corrosive for skin. Non-sensitizer for skin.
<b>Potential Chronic Health Effects</b>	<p>Non-corrosive 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.</p> <p><b>CARCINOGENIC EFFECTS:</b> Not available.</p> <p><b>MUTAGENIC EFFECTS:</b> Not available.</p> <p><b>TERATOGENIC EFFECTS:</b> Not available.</p> <p><b>DEVELOPMENTAL TOXICITY:</b> Not toxic.</p> <p>The substance is not toxic to blood, kidneys, lungs, the nervous system, liver, , .</p>

<b>Section IV. First Aid Measures</b>	
<b>Eye Contact</b>	NO known EFFECT on eye contact, rinse with water for a few minutes.
<b>Skin Contact</b>	NO known EFFECT on skin contact, rinse with water for a few minutes.
<b>Hazardous Skin Contact</b>	No additional information.
<b>Inhalation</b>	Allow the victim to rest in a well-ventilated area. Seek immediate medical attention.

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<b>Hazardous Inhalation</b>	No additional information.
<b>Ingestion</b>	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.
<b>Hazardous Ingestion</b>	No additional information.

### Section V. Fire and Explosion Data

<b>Auto-Ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<b>Products of Combustion</b>	Not applicable.
<b>Fire Hazards in Presence of Various Substances</b>	Not applicable.
<b>Explosion Hazards in Presence of Various Substances</b>	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.
<b>Fire Fighting Media and Instructions</b>	Not applicable.
<b>Special Remarks on Fire Hazards</b>	No additional remark.
<b>Special Remarks on Explosion Hazards</b>	No additional remark.

### Section VI. Accidental Release Measures

<b>Small Spill</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. If necessary: <b>Neutralize the residue with a dilute solution of sodium carbonate.</b>
<b>Large Spill</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. <b>Neutralize the residue with a dilute solution of sodium carbonate.</b> 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.

### Section VII. Handling and Storage

<b>Precautions</b>	No specific safety phrase has been found applicable for this product.
<b>Storage</b>	No specific storage is required. Use shelves or cabinets sturdy enough to bear the weight of the chemicals. Be sure that it is not necessary to strain to reach materials, and that shelves are not overloaded.

### Section VIII. Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.
<b>Personal Protection</b>	Safety glasses. Lab coat.
<b>Personal Protection in Case of a Large Spill</b>	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
<b>Exposure Limits</b>	

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**Mineral Spirits**  
TWA: 100 STEL: 200 (ppm)

Consult local authorities for acceptable exposure limits.

### Section IX. Physical and Chemical Properties

<b>Physical state and appearance</b>	Liquid.	<b>Odor</b>	Not available.
<b>pH(1% soln/water)</b>	Acidic.	<b>Color</b>	White, dries clear.
<b>Boiling Point</b>	The lowest known value is 100°C (212°F) (Water). Weighted average: 104.93°C (220.9°F)		
<b>Melting Point</b>	May start to solidify at 0°C (32°F) based on data for: 1401:MS. Weighted average: 0°C (32°F)		
<b>Specific Gravity</b>	Weighted average: 1 (Water = 1)		
<b>Vapor Pressure</b>	The highest known value is 17.535 mm of Hg (@ 20°C) (Water). Weighted average: 16.93 mm of Hg (@ 20°C)		
<b>Vapor Density</b>	The highest known value is 11.3 (Air = 1) (1401:MS). Weighted average: 1.01 (Air = 1)		
<b>Volatility</b>	Not available.		
<b>Odor Threshold</b>	Not available.		
<b>Evaporation rate</b>	Not available.		
<b>Viscosity</b>	500-600 CPS (Brookfield, 20 rpm, #4 spindle, 77°F)		
<b>Water/Oil Dist. Coeff.</b>	Not available.		
<b>Solubility</b>	Soluble in cold water, hot water.		

### Section X. Stability and Reactivity Data

<b>Stability</b>	The product is stable.
<b>Instability Temperature</b>	Not available.
<b>Conditions of Instability</b>	No additional remark.
<b>Incompatibility with various substances</b>	Non-reactive with oxidizing agents.
<b>Corrosivity</b>	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
<b>Special Remarks on Reactivity</b>	Absorbs CO <sub>2</sub> from air. (203:MS)
<b>Special Remarks on Corrosivity</b>	No additional remark.

### Section XI. Toxicological Information

<b>Routes of Entry</b>	None
<b>Toxicity to Animals</b>	LD50: Not available. LC50: Not available.
<b>Chronic Effects on Humans</b>	<b>DEVELOPMENTAL TOXICITY:</b> Not toxic. The substance is not toxic to blood, kidneys, lungs, the nervous system, liver, , .
<b>Other Toxic Effects on Humans</b>	Slightly hazardous in case of eye contact (irritant). Non-corrosive for skin. Non-sensitizer for skin.
<b>Special Remarks on Toxicity to Animals</b>	No additional remark.

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**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** Not available.

**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)**



**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: **Vinyl acetate**;

CERCLA hazardous substances: **Diethanolamine**;

SARA 302/304/311/312 extremely hazardous substances: **Isopropanol**;

SARA 313 toxic chemical notification and release reporting: **Mineral Spirits; Vinyl acetate; Diethanolamine**;

Massachusetts RTK: **Isopropyl alcohol; Diethanolamine**;

Pennsylvania RTK: **Nitric acid, magnesium salt; Amorphous silica; Isopropyl alcohol; Diethanolamine**;

Florida: **Diethanolamine**;

Minnesota: No products were found.

New Jersey: **Magnesium nitrate; Amorphous silica; Isopropyl alcohol; Diethanolamine**;

**Other Classifications**

**WHMIS (Canada)** WHMIS CLASS D-2A: Material causing other toxic effects (VERY TOXIC).

DSCL (EEC)

Not controlled under DSCL (Europe).

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)



**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 Company on 1/31/2003.

Verified by Craig Adhesives and Coatings Company.

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**Notice to Reader**

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