


# 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: 24px;">1</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">Fire Hazard</td> <td style="text-align: center; font-weight: bold; font-size: 24px;">0</td> </tr> <tr> <td style="background-color: #ffff00;">Reactivity</td> <td style="text-align: center; font-weight: bold; font-size: 24px;">0</td> </tr> <tr> <td>Personal Protection</td> <td style="text-align: center; font-weight: bold; font-size: 24px;">a</td> </tr> </table> | Health Hazard    | 1                   | Fire Hazard | 0 | Reactivity | 0 | Personal Protection | a | <p>HCS CLASS: Target organ effects.</p> |  |
| Health Hazard   | 1                |                     |             |   |            |   |                     |   |   |   |
| Fire Hazard   | 0                |                     |             |   |            |   |                     |   |   |   |
| Reactivity  | 0                |                     |             |   |            |   |                     |   |   |   |
| Personal Protection   | a                |                     |             |   |            |   |                     |   |   |   |

## Section I. Chemical Product and Company Identification

|                                    |  |                                 |   |
|------------------------------------|--|---------------------------------|---|
| <b>Common Name/<br/>Trade Name</b> | <b>Craigbond 3079Y</b>   | <b>Code</b>                     | 3079Y:MS  |
| <b>Supplier</b>                    | Craig Adhesives & Coatings<br>80 Wheeler Point Rd.<br>Newark, NJ 07105<br>(973) 344-1483 | <b>In case of<br/>Emergency</b> | Craig: (973) 344-1483<br>Chemtrec: (800) 424-9300 |
| <b>Synonym</b>                     | Window 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<br>80 Wheeler Point Rd.<br>Newark, NJ 07105<br>(973) 344-1483 | <b>Material Uses</b>            | See Technical Data Sheet.                         |

## Section II. Hazardous Ingredients

| Name          | CAS #    | % by Weight | TLV/PEL   | LC <sub>50</sub> /LD <sub>50</sub>  |
|---------------|----------|-------------|---|---|
| Vinyl acetate | 108-05-4 | 0-1         | TWA: 10 STEL: 20 (ppm)<br>from OSHA (PEL)<br>TWA: 10 STEL: 20 (ppm)<br>from ACGIH (TLV) | ORAL (LD50): Acute: 2920<br>mg/kg [Rat]. 1613 mg/kg<br>[Mouse]. DERMAL (LD50):<br>Acute: 2335 mg/kg [Rabbit]. |

## Section III. Hazards Identification

|   |   |
|---|---|
| <b>Potential Acute Health Effects</b>   | Slightly hazardous in case of inhalation. Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes.  |
| <b>Potential Chronic Health Effects</b> | 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.<br><b>CARCINOGENIC EFFECTS:</b> Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC [ Vinyl acetate].<br><b>MUTAGENIC EFFECTS:</b> Not available.<br><b>TERATOGENIC EFFECTS:</b> Not available.<br><b>DEVELOPMENTAL TOXICITY:</b> Not toxic.<br>The substance is not toxic to blood, kidneys, lungs, the nervous system, liver, , . |

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**Section IV. First Aid Measures**

|                               |   |
|-------------------------------|---|
| <b>Eye Contact</b>            | IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.  |
| <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.   |
| <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.<br>Risks of explosion of the product in presence of static discharge: Not available.<br>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> | Dilute with water and mop up, or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.  |
| <b>Large Spill</b> | 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 dispose of according to local and regional authority requirements. 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**

|                    |  |
|--------------------|--|
| <b>Precautions</b> | 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. |
| <b>Storage</b>     | Carcinogenic, teratogenic or mutagenic materials should be stored in a separate locked safety storage cabinet or room.   |

**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. Ensure that eyewash station and safety shower is proximal to the work-station location.   |
| <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>                              | <p><b>Petroleum hydrocarbons</b><br/> TWA: 5 (mg/m<sup>3</sup>) from OSHA (PEL)<br/> TWA: 5 (mg/m<sup>3</sup>) from ACGIH (TLV)<br/> STEL: 10 (mg/m<sup>3</sup>)</p> <p><b>Vinyl acetate</b><br/> TWA: 10 STEL: 20 (ppm) from OSHA (PEL)<br/> TWA: 10 STEL: 20 (ppm) from ACGIH (TLV)</p> <p><b>Diethanolamine</b><br/> TWA: 3 (ppm) from OSHA (PEL) SKIN<br/> TWA: 0.46 (ppm) from ACGIH (TLV) SKIN</p> <p>Consult local authorities for acceptable exposure limits.</p> |

**Section IX. Physical and Chemical Properties**

|                                      |   |              |                     |
|--------------------------------------|---|--------------|---------------------|
| <b>Physical state and appearance</b> | Liquid.   | <b>Odor</b>  | Sweetish.           |
| <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: 116.43°C (241.6°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: 1.02 (Water = 1)  |              |                     |
| <b>Vapor Pressure</b>                | The highest known value is 18.2 mm of Hg (@ 20°C) (752:MS). Weighted average: 15.47 mm of Hg (@ 20°C) |              |                     |
| <b>Vapor Density</b>                 | The highest known value is 11.3 (Air = 1) (1401:MS). Weighted average: 1.84 (Air = 1)                 |              |                     |
| <b>Volatility</b>                    | Not available.  |              |                     |
| <b>Odor Threshold</b>                | Not available.  |              |                     |
| <b>Evaporation rate</b>              | Not available.  |              |                     |
| <b>Viscosity</b>                     | 1600-1800 CPS (Brookfield, 20 rpm, #4 spindle, 77°F)  |              |                     |
| <b>Water/Oil Dist. Coeff.</b>        | Only soluble or dispersed in water.   |              |                     |
| <b>Solubility</b>                    | Soluble in cold water, hot water.   |              |                     |

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**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> | Slightly reactive to reactive with oxidizing agents. |
| <b>Corrosivity</b>                             | Non-corrosive in presence of glass.                  |
| <b>Special Remarks on Reactivity</b>           | No additional remark.                                |
| <b>Special Remarks on Corrosivity</b>          | No additional remark.                                |

**Section XI. Toxicological Information**

|   |  |
|---|--|
| <b>Routes of Entry</b>                                  | Absorbed through skin. Eye contact. Inhalation. Ingestion.   |
| <b>Toxicity to Animals</b>                              | LD50: Not available.<br>LC50: Not available.   |
| <b>Chronic Effects on Humans</b>                        | <b>CARCINOGENIC EFFECTS:</b> Classified A3 (Proven for animal.) by ACGIH, 2B (Possible for human.) by IARC [ Vinyl acetate].<br><b>DEVELOPMENTAL TOXICITY:</b> Not toxic.<br>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 inhalation.<br>Non-corrosive for skin. Non-irritant for skin. Non-sensitizer for skin. Non-permeator by skin. Non-irritating to the eyes.  |
| <b>Special Remarks on Toxicity to Animals</b>           | No additional remark.  |
| <b>Special Remarks on Chronic Effects on Humans</b>     | No additional remark.  |
| <b>Special Remarks on other Toxic Effects on Humans</b> | No additional remark.  |

**Section XII. Ecological Information**

|  |   |
|--|---|
| <b>Ecotoxicity</b>                                       | Not available.  |
| <b>BOD5 and COD</b>                                      | Not available.  |
| <b>Products of Biodegradation</b>                        | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| <b>Toxicity of the Products of Biodegradation</b>        | The product itself and its products of degradation are not toxic.   |
| <b>Special Remarks on the Products of Biodegradation</b> | 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).

**Proper 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: 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: **Propylene glycol**;

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.  
R45- May cause cancer.

**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 on 3/1/2004.

Verified by Craig Adhesives and Coatings.

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