


# Material Safety Data Sheet

<b>HMIS (U.S.A.)</b> <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; border: 1px solid black; border-radius: 50%; width: 20px;">2</td> </tr> <tr> <td style="background-color: #ff0000; color: white;">Fire Hazard</td> <td style="text-align: center; border: 1px solid black; border-radius: 50%; width: 20px;">1</td> </tr> <tr> <td style="background-color: #ffff00;">Reactivity</td> <td style="text-align: center; border: 1px solid black; border-radius: 50%; width: 20px;">2</td> </tr> <tr> <td>Personal Protection</td> <td style="text-align: center; border: 1px solid black; border-radius: 50%; width: 20px;">B</td> </tr> </table>	Health Hazard	2	Fire Hazard	1	Reactivity	2	Personal Protection	B	<b>HCS Risk Phrases</b> Not controlled under the HCS (United States).	<b>Protective Clothing</b> 
Health Hazard	2									
Fire Hazard	1									
Reactivity	2									
Personal Protection	B									

## Section I. Chemical Product and Company Identification

<b>Common Name/ Trade Name</b>	<b>Developmental 06A004</b>	<b>Code</b>	06A004:WH
<b>Supplier</b>	Craig Adhesives & Coatings 80 Wheeler Point Rd. Newark, NJ 07105 (973) 344-1483	<b>In case of Emergency</b>	Craig: (973) 344-1483 Chemtec: (800) 424-9300
<b>Synonym</b>	EB Low-Slide Coating		
<b>Chemical Name</b>	EB Coating		
<b>Chemical Family</b>	Compounded Acrylate Monomer/Oligomer Blend		
<b>Chemical Formula</b>	Proprietary		
<b>Manufacturer</b>	Craig Adhesives & Coatings 80 Wheeler Point Rd. Newark, NJ 07105 (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>
No hazardous ingredient.				

## Section III. Hazards Identification

<b>Potential Acute Health Effects</b>	Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of skin contact (sensitizer, permeator), of ingestion, of inhalation. Non-corrosive for skin.
<b>Potential Chronic Health Effects</b>	<b>CARCINOGENIC EFFECTS:</b> Not available. <b>MUTAGENIC EFFECTS:</b> Not available. <b>TERATOGENIC EFFECTS:</b> Not available. <b>DEVELOPMENTAL TOXICITY:</b> Not available. Repeated exposure to an highly toxic material may produce general deterioration of health by an accumulation in one or many human organs.

## Section IV. First Aid Measures

<b>Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Cover the irritated skin with an emollient. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
<b>Hazardous Skin Contact</b>	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

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<b>Hazardous Inhalation</b>	Not available.
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
<b>Hazardous Ingestion</b>	Not available.

### Section V. Fire and Explosion Data

<b>Auto-Ignition Temperature</b>	Not available.
<b>Flash Points</b>	Closed cup: Higher than 93.3°C (200°F).
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	These products are carbon oxides (CO, CO <sub>2</sub> ).
<b>Fire Hazards in Presence of Various Substances</b>	Not available.
<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.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.
<b>Special Remarks on Fire Hazards</b>	Container explosion may occur under fire conditions or when heated. (1922:WH)
<b>Special Remarks on Explosion Hazards</b>	Not available.

### 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 acetic acid.</b>
<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.

### Section VII. Handling and Storage

<b>Precautions</b>	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area.

### 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 occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.
<b>Personal Protection</b>	Safety glasses. Lab coat. Impervious gloves.
<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>	Not available.

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**Section IX. Physical and Chemical Properties**

<b>Physical state and appearance</b>	Liquid.	<b>Odor</b>	Acrylate
pH(1% soln/water)	Not applicable.	<b>Color</b>	Colorless to pale amber
<b>Boiling Point</b>	The lowest known value is >93.333°C (200°F) (1721:WH).		
<b>Melting Point</b>	May start to solidify at 50°C (122°F) based on data for: 1922:WH.		
<b>Specific Gravity</b>	Weighted average: 1.11 (Water = 1)		
<b>Vapor Pressure</b>	Not available.		
<b>Vapor Density</b>	Not available.		
<b>Volatility</b>	0% (v/v). (2206:WH.) Weighted average: 0% (v/v) 0% (w/w). (1922:WH.) Weighted average: 0% (w/w).		
<b>Odor Threshold</b>	Not available.		
<b>Evaporation rate</b>	Not available.		
<b>Viscosity</b>	100-200 CPS (Brookfield, 20 rpm, #4 spindle, 77°F)		
<b>Water/Oil Dist. Coeff.</b>	The product is insoluble in water and octanol.		
<b>Solubility</b>	Insoluble in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.		

**Section X. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Instability Temperature</b>	Not available.
<b>Conditions of Instability</b>	Heating may cause polymerization. Pressure build-up may occur with possible rupture of the container. (1922:WH)
<b>Incompatibility with various substances</b>	Slightly reactive to reactive with oxidizing agents, acids, alkalis.
<b>Corrosivity</b>	Not available.
<b>Special Remarks on Reactivity</b>	Not available.
<b>Special Remarks on Corrosivity</b>	Not available.

**Section XI. Toxicological Information**

<b>Routes of Entry</b>	Dermal contact. Eye contact.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 1376 mg/kg [Rat]. (2-Hydroxy-2-methyl-1-phenyl-1-propanone). Acute dermal toxicity (LD50): 2000 mg/kg [Rabbit]. (1922:WH).
<b>Chronic Effects on Humans</b>	Not available.
<b>Other Toxic Effects on Humans</b>	Hazardous in case of skin contact (irritant), of eye contact (irritant). Slightly hazardous in case of ingestion, of inhalation.
<b>Special Remarks on Toxicity to Animals</b>	Not available.
<b>Special Remarks on Chronic Effects on Humans</b>	Not available.
<b>Special Remarks on other Toxic Effects on Humans</b>	Not available.

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**Section XII. Ecological Information**

<b>Ecotoxicity</b>	Not available.
<b>BOD5 and COD</b>	Not available.
<b>Products of Biodegradation</b>	These products are carbon oxides (CO, CO2) and water.
<b>Toxicity of the Products of Biodegradation</b>	The products of degradation are less toxic than the product itself.
<b>Special Remarks on the Products of Biodegradation</b>	Not available.

**Section XIII. Disposal Considerations**

<b>Waste Disposal</b>	Recycle to process, if possible. Consult your local or regional authorities.
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**Section XIV. Transport Information**

<b>DOT Classification</b>	Not a DOT controlled material (United States).
<b>Proper Shipping Name</b>	Not applicable.
<b>DOT Identification Number</b>	Not applicable.
<b>Packing Group</b>	Not applicable.
<b>Hazardous Substances Reportable Quantity</b>	Not available.
<b>Special Provisions for Transport</b>	Not applicable.
<b>DOT (Pictograms)</b>	

**Section XV. Other Regulatory Information and Pictograms****Federal and State Regulations**

California prop. 65: No products were found.  
 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: No products were found.  
 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.

<b>Other Classifications</b>	<b>WHMIS (Canada)</b>	Not controlled under WHMIS (Canada).
	<b>DSCL (EEC)</b>	R21- Harmful in contact with skin. R36/38- Irritating to eyes and skin.

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

Health



Fire Hazard

Reactivity

Specific hazard

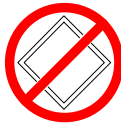
WHMIS (Canada) (Pictograms)



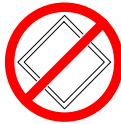
DSCL (Europe) (Pictograms)



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 11/13/2008.

Verified by Craig Adhesives and Coatings.

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