


# 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;">2</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;">B</td> </tr> </table>	Health Hazard	1	Fire Hazard	2	Reactivity	0	Personal Protection	B	<p>Not controlled under the HCS (United States).</p>	
Health Hazard	1									
Fire Hazard	2									
Reactivity	0									
Personal Protection	B									

Section I. Chemical Product and Company Identification		
<b>Common Name/ Trade Name</b>	<b>Craigcoat 5523</b>	<b>Code</b> 5523: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 Chemtrec: (800) 424-9300
<b>Synonym</b>	Aqueous Flexo Coin Rub Ink White	
<b>Chemical Name</b>	Water Based Ink	
<b>Chemical Family</b>	Pigmented Resin Dispersion	
<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>
Normal propyl alcohol	71-23-8	5-10	TWA: 200 STEL: 250 (ppm) from OSHA (PEL) TWA: 200 STEL: 250 (ppm) from ACGIH (TLV)	ORAL (LD50): Acute: 1870 mg/kg [Rat]. 2820 mg/kg [Rabbit]. 4500 mg/kg [Mouse]. DERMAL (LD50): Acute: 4000 mg/kg [Rabbit]. Not available.
Ammonium hydroxide	1336-21-6	1-5	Not available.	Not available.

Section III. Hazards Identification	
<b>Potential Acute Health Effects</b>	Hazardous in case of eye contact (irritant), of ingestion, of inhalation.
<b>Potential Chronic Health Effects</b>	<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>Repeated or prolonged exposure is not known to aggravate medical condition.</p>

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**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. Cold water may be used. Get medical attention.
<b>Skin Contact</b>	Wash with soap and water. Get medical attention if irritation develops. Cold water may be used.
<b>Hazardous Skin Contact</b>	Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek 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.
<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>	The lowest known value is 412°C (773.6°F) (n-Propanol).
<b>Flash Points</b>	The lowest known value is Closed cup: 23°C (73.4°F). (TAG). Open cup: 27.2°C (81°F). (Cleveland). (n-Propanol)
<b>Flammable Limits</b>	The greatest known range is LOWER: 2.1% UPPER: 13.5% (n-Propanol)
<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.
<b>Fire Fighting Media and Instructions</b>	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use alcohol foam, water spray or fog. Cool containing vessels with water jet in order to prevent pressure build-up, autoignition or explosion.
<b>Special Remarks on Fire Hazards</b>	Not available.
<b>Special Remarks on Explosion Hazards</b>	Not available.

**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>	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Section VII. Handling and Storage**

<b>Precautions</b>	Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.
<b>Storage</b>	Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).

**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.

**Section IX. Physical and Chemical Properties**

<b>Physical state and appearance</b>	Liquid.	<b>Odor</b>	Pungent.
<b>pH(1% soln/water)</b>	Neutral.	<b>Color</b>	White.
<b>Boiling Point</b>	The lowest known value is 97.22°C (207°F) (n-Propanol). Weighted average: 97.62°C (207.7°F)		
<b>Melting Point</b>	May start to solidify at 0°C (32°F) based on data for: water. Weighted average: -108.04°C (-162.5°F)		
<b>Specific Gravity</b>	Weighted average: 0.83 (Water = 1)		
<b>Vapor Pressure</b>	The highest known value is 2.3 kPa (17.5 mmHg) (at 20°C) (water). Weighted average: 2.04 kPa (15.3 mmHg) (at 20°C)		
<b>Vapor Density</b>	The highest known value is 2.07 (Air = 1) (n-Propanol). Weighted average: 1.86 (Air = 1)		
<b>Volatility</b>	11.02% (v/v). (n-Propanol.) 8.39% (w/w). (n-Propanol.)		
<b>Odor Threshold</b>	The lowest known value is 2 ppm (n-Propanol)		
<b>Evaporation rate</b>	1 (n-Propanol) compared to Butyl acetate = 1		
<b>Viscosity</b>	Not available.		
<b>Water/Oil Dist. Coeff.</b>	Not available.		
<b>Solubility</b>	Easily soluble in cold 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>	Not available.
<b>Incompatibility with various substances</b>	Reactive with oxidizing agents.
<b>Corrosivity</b>	Not available.
<b>Special Remarks on Reactivity</b>	Not available.

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**Special Remarks on Corrosivity** Not available.

### Section XI. Toxicological Information

**Routes of Entry** Eye contact. Inhalation. Ingestion.

**Toxicity to Animals** Acute oral toxicity (LD50): 1870 mg/kg [Rat]. (n-Propanol).  
Acute dermal toxicity (LD50): 4000 mg/kg [Rabbit]. (n-Propanol).

**Chronic Effects on Humans** Not available.

**Other Toxic Effects on Humans** Hazardous in case of eye contact (irritant), of ingestion, of inhalation.

**Special Remarks on Toxicity to Animals** Not available.

**Special Remarks on Chronic Effects on Humans** Not available.

**Special Remarks on other Toxic Effects on Humans** Not available.

### Section XII. Ecological Information

**Ecotoxicity** Not available.

**BOD5 and COD** Not available.

**Products of Biodegradation** These products are carbon oxides (CO, CO<sub>2</sub>) and water.

**Toxicity of the Products of Biodegradation** The products of degradation are less toxic than the product itself.

**Special Remarks on the Products of Biodegradation** Not available.

### 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: No products were found.

CERCLA: Hazardous substances.: Ammonia;

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.

**Other Classifications**

**WHMIS (Canada)** Not controlled under WHMIS (Canada).

**DSCL (EEC)** R36/38- Irritating to eyes and skin.

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

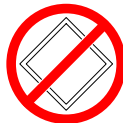
		Fire Hazard
Health		Reactivity
		Specific hazard

**WHMIS (Canada) (Pictograms)**

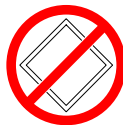


**DSCL (Europe) (Pictograms)**

**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 10/1/2008.

Verified by Craig Adhesives and Coatings.

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**Notice to Reader**

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