


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

Section I. Chemical Product and Company Identification			
Common Name/ Trade Name	Craigcoat 5525	Code	5525:WH
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	Aqueous Screen Coin Rub Ink White		
Chemical Name	Water Based Ink		
Chemical Family	Pigmented Resin Dispersion		
Chemical Formula	Proprietary		
Manufacturer	Craig Adhesives & Coatings 80 Wheeler Point Rd. Newark, NJ 07105 (973) 344-1483	Material Uses	Other non-specified industries: See Technical Data Sheet.

Section II. Hazardous Ingredients				
Name	CAS #	% by Weight	TLV/PEL	LC ₅₀ /LD ₅₀
Ammonia	7664-41-7	0-1	TWA: 25 STEL: 35 (ppm)	Not available. ORAL (LD50): Acute: 5380 mg/kg [Rat]. 5200 mg/kg [Rat]. DERMAL (LD50): Acute: 9510 mg/kg [Rabbit].
Dipropylene glycol monomethyl ether	34590-94-8	5-10	TWA: 100 STEL: 150 (ppm) from OSHA/NIOSH SKIN TWA: 100 STEL: 150 (ppm) from ACGIH SKIN	
Ethanolamine	141-43-5	1-5	Not available.	ORAL (LD50): Acute: 2050 mg/kg [Rat.]. DERMAL (LD50): Acute: 1000 mg/kg [Rabbit.].

Section III. Hazards Identification	
Potential Acute Health Effects	Slightly dangerous to dangerous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation. non-sensitizer for skin non-permeator by 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: Not available. 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, mucous membranes.

Section IV. First Aid Measures

Eye Contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. COLD water may be used.
Skin Contact	After contact with skin, wash immediately with plenty of water. Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. Be particularly careful to clean folds, crevices, creases and groin. COLD water may be used. Cover the irritated skin with an emollient. If irritation persists, seek medical attention. Wash contaminated clothing before reusing.
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 available.
Flash Points	Not available.
Flammable Limits	Not available.
Products of Combustion	These products are carbon oxides (CO, CO ₂).
Fire Hazards in Presence of Various Substances	Slightly flammable to flammable in presence of oxidizing materials.
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. Slightly explosive in presence of oxidizing materials.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO ₂ , water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	No additional remark.

Section VI. Accidental Release Measures

Small Spill	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill	Our database contains no additional information in case of a spill and/or a leak of the product. Use a shovel to put the material into a convenient waste disposal container. 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

Precautions	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 dust. Wear suitable protective clothing. If ingested, seek medical advice immediately and show the container or the label.
Storage	Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place.

Section VIII. Exposure Controls/Personal Protection

Engineering Controls	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	Safety glasses. Lab coat. Gloves (impervious). Wear appropriate respirator when ventilation is inadequate.
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	<p>Ammonia TWA: 25 STEL: 35 (ppm)</p> <p>Dipropylene glycol monomethyl ether TWA: 100 STEL: 150 (ppm) from OSHA/NIOSH SKIN TWA: 100 STEL: 150 (ppm) from ACGIH SKIN</p> <p>Consult local authorities for acceptable exposure limits.</p>

Section IX. Physical and Chemical Properties

Physical state and appearance	Solid. (Paste)	Odor	Slight.
pH(1% soln/water)	Neutral.	Color	White.
Boiling Point	Not available.		
Melting Point	Not available.		
Specific Gravity	Weighted average: 0.96 (Water = 1)		
Vapor Pressure	Not available.		
Vapor Density	Not available.		
Volatility	Not available.		
Odor Threshold	Not available.		
Evaporation rate	Not available.		
Viscosity	Not available.		
Water/Oil Dist. Coeff.	Not available.		
Solubility	Easily soluble in cold 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	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.

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Special Remarks on Reactivity No additional remark.

Special Remarks on Corrosivity No additional remark.

Section XI. Toxicological Information

Routes of Entry Ingestion.

Toxicity to Animals Acute oral toxicity (LD50): 80000 mg/kg (Rat) (Calculated value for the mixture).
Acute dermal toxicity (LD50): 146308 mg/kg (Rabbit) (Calculated value for the mixture).

Chronic Effects on Humans **DEVELOPMENTAL TOXICITY:** Not toxic.
The substance is not toxic to blood, kidneys, lungs, the nervous system, liver, mucous membranes.

Other Toxic Effects on Humans Slightly dangerous to dangerous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation.
non-sensitizer for skin non-permeator by 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 products of degradation are less toxic than the product itself.

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:

No products were found.

CERCLA hazardous substances:

Ammonia;

SARA 302/304/311/312 extremely hazardous substances:

Product(s): Ammonia

SARA 313 toxic chemical notification and release reporting:

Ammonia;

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) Not controlled under DSCL (Europe).

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

Health



Fire Hazard

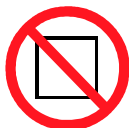
Reactivity

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 on 10/1/2008.

Verified by Craig Adhesives and Coatings.

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