

# MATERIAL SAFETY DATA SHEET

2.1 VOC MATTE CLEARCOAT

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Product Name: 2.1 VOC Matte Clearcoat  
Product Code: MS-130LV

HMIS Codes: H F R P  
2\* 3 0 G

## Section I - Manufacturer Identification

Manufactured by:



Address: 850 Ladd Road, Building E  
Walled Lake, MI 48390

Emergency Phone: 800.424.9300 (CHEMTREC)

Information Phone: 800.735.0303

MSDS Version: 0 (zero)

Prepared by: MSDS Coordinator

Date Printed: June 2, 2010

Web Site: [www.matrixsystem.com](http://www.matrixsystem.com)

## Section II - Hazardous Ingredients/SARA III information

Reportable Components/ Exposure limits	CAS number	Vapor Pressure in mm Hg @ 68° F	Weight Percent
p-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene ACGIH TLV: 2.5 mg/m <sup>3</sup> TWA as fluorides OSHA PEL: 2.5 mg/m <sup>3</sup> TWA as fluorides NIOSH: 2.5 mg/m <sup>3</sup> TWA as fluorides	98-56-6	n/a	35 - 45
acrylic polyol/ polymer/ resin	n/a	n/a	15 - 25
ACETONE ACGIH TLV STEL: 750 ppm ACGIH TLV TWA: 500 ppm OSHA VPEL TWA: 750 ppm OSHA VPEL STEL: 1000 ppm	67-64-1	185	15.01

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<b>Reportable Components/ Exposure limits</b>	<b>CAS number</b>	<b>Vapor Pressure in mm Hg @ 68° F</b>	<b>Weight Percent</b>
n-BUTYL ACETATE ACGIH TLV TWA: 150 ppm ACGIH TLV STEL: 200 ppm OSHA VPEL TWA: 150 ppm OSHA VPEL STEL: 200 ppm	123-86-4	8.4	5.29
*XYLENES ACGIH TWA: 100 ppm ACGIH STEL: 150 ppm OSHA TWA: 100 ppm OSHA STEL: 150 ppm	1330-20-7	5.10	3.58
METHYL ACETATE ACGIH TLV: 200 ppm TWA ACGIH TLV: 250 ppm STEL OSHA PEL: 200 ppm TWA OSHA PEL: 250 ppm STEL	79-20-9	171.3	2.40
*ETHYL BENZENE ACGIH TLV: 100 ppm TWA OSHA PEL: 100 ppm TWA	100-41-4	5.1	0.88
m-xylene ACGIH TWA: 100 ppm ACGIH STEL: 150 ppm OSHA TWA: 100 ppm NIOSH: 100 ppm	108-38-3	8.3	0.09
o-xylene ACGIH TWA: 100 ppm ACGIH STEL: 150 ppm OSHA TWA: 100 ppm NIOSH: 100 ppm	95-47-6	5.20	0.04
p-xylene ACGIH TWA: 100 ppm ACGIH STEL: 150 ppm OSHA TWA: 100 ppm NIOSH: 100 ppm	106-42-3	8.60	0.04

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Reportable Components/ Exposure limits	CAS number	Vapor Pressure in mm Hg @ 68° F	Weight Percent
STYRENE MONOMER ACGIH TLV: 20 ppm OSHA PEL: 100 ppm STEL: 40 ppm	100-42-5	4.5	0.0034

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III of 40 CFR 372.

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### Section III - Physical/Chemical Characteristics

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Boiling Range: 123° - 293° F      Specific Gravity (H<sub>2</sub>O = 1): 1.11  
Vapor Density: Heavier than air      Evaporation Rate: Slower than ether  
VOC grams/liter: 294.05      VOC lbs./gal.: 2.45  
Solubility in Water: Insoluble      Solids by Volume: 26.496%  
Appearance and odor: Clear liquid with an organic solvent odor

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### Section IV - Fire and Explosion Hazard Data

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**Flash Point:** -4.0° F      **Method used:** TAGCC  
**Flammable Limits in air by volume:**      **Lower:** 0.90%      **Upper:** 16.0%

**Extinguishing Media:** Foam, carbon dioxide, dry chemical and water fog.

**Special Firefighting Procedures:** Full protective equipment, including self contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent a pressure build up.

**Unusual Fire and Explosion Hazards:** When heated above the flash point, the product emits flammable vapors which, when mixed with air, can burn or become explosive. Fine mists or sprays may be flammable below the flash point.

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### Section V - Reactivity Data

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**Stability:** Stable

**Conditions to avoid:** Avoid all sources of ignition.

**Incompatibility (materials to avoid):** Strong oxidizing materials.

**Hazardous Decomposition or By-Products:** May produce hazardous fumes when heated to decomposition. Fumes may contain carbon monoxide and carbon dioxide.

**Hazardous Polymerization:** Will not occur.

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### Section VI - Health Hazard Data

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#### Inhalation Health Risks and Symptoms of Exposure

May cause nose and throat irritation. Repeated and prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness and loss of coordination are signs that solvent levels are too high. Individuals with breathing problems must not be exposed to this product. If affected by inhalation, remove to fresh air.

#### Skin and Eye Contact Health Risks and Symptoms of Exposure

May cause irritation or burning of the eyes. Repeated and prolonged skin contact may cause skin irritation or dermatitis. In case of eye contact, immediately flush the eyes with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

#### Ingestion Health Risks and Symptoms of Exposure

Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of all ingredients available.

#### Health Hazards (Acute and Chronic)

**Acute:** Dizziness, irritation of the respiratory tract, weakness, nausea or possible narcosis or even asphyxiation. May be accompanied by coughing or labored breathing.

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**Section VI - Health Hazard Data**

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**Chronic:** Reports have linked organic solvents with brain and nervous system damage. Misuse of this product by deliberately concentrating and inhaling the contents may be harmful or fatal.

**Carcinogenicity:**    **NTP Carcinogen:** No            **IARC Monographs:** Yes

**Proposition 65 Statement:**

**WARNING!** This product contains a chemical or chemicals known to the state of California to cause cancer and/or birth defects or other reproductive harm.

**OSHA Regulated:** Yes

**Medical Conditions Generally Aggravated by Exposure**

Do not use this product if you have a chronic lung or breathing problems.

**Emergency and First Aid Procedures**

If ingestion or other type of overexposure or symptoms of overexposure occur during the use of this product, contact a poison control center, emergency room or physician immediately; have this material safety data sheet available.

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### **Section VII - Precautions for Safe Handling and Use**

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#### **Steps to be Taken in the Case Material is Released or Spilled**

Remove all sources of ignition (sparks, flames and hot surfaces). Avoid breathing vapors. Ventilate the area. Remove with an inert absorbent and non-sparking tools.

#### **Waste Disposal Method**

Dispose in accordance with state, federal and local regulations. Do not incinerate closed containers.

#### **Precautions to be Taken in Handling and Storing**

Keep containers tightly closed in a cool, dry, well-ventilated area away from all possible ignition sources. Store large quantities of material in building designed for the storage of flammable liquids.

#### **Other Precautions**

Employees should be trained in safety measures that should be taken when using this product.

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### Section VIII - Control Measures

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#### Respiratory Protection

Avoid breathing vapors or spray mist. Wear a properly fitted respirator approved by NIOSH/MSHA (TC-23C) for use with paints during application and until all vapors are exhausted. In confined areas or where continuous spray operations are typical or a proper respirator fit is not possible, wear a positive-pressure supplied air respirator (TC-19C). In all cases follow respirator manufacturers' directions for respirator use. Do not allow anyone without protection into the painting area.

#### Ventilation

Provide sufficient ventilation to keep contaminants below applicable OSHA requirements.

#### Protective Gloves

Neoprene gloves impervious to organic solvents are recommended.

#### Eye Protection

Use safety eyewear designed to protect against liquid splashes.

#### Other Protective Clothing or Equipment

Impervious coveralls are recommended.

#### Work/Hygienic Practices

Eye wash and safety showers in the work place are recommended. Wash hands before eating, drinking, applying make-up and smoking.

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### Section IX - Disclaimer

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The information contained in this material safety data sheet is information from our suppliers and other sources. It is believed to be reliable. This data is not to be taken as a warranty or representation for which this company assumes legal responsibility.