

M A T E R I A L   S A F E T Y   D A T A   S H E E T

MEDIUM ACTIVATOR LOW VOC

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8/27/2008

PRODUCT NAME: MEDIUM ACTIVATOR LOW VOC  
PRODUCT CODE: ZT-A903-H

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

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SECTION I - MANUFACTURER IDENTIFICATION  
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MANUFACTURED BY : Zolatone AIM  
Division of Advanced Refinish Technologies  
ADDRESS : 850 Ladd Rd., Bldg. E  
Walled Lake, Michigan 48390

EMERGENCY PHONE : (800)424-9300      DATE PRINTED : 8/27/2008  
INFORMATION PHONE : (800) 810-2785      PREPARER NAME: MSDS Coordinator

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SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION  
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REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg @ TEMP		PERCENT
hexamethylene diisocyanate polymer	3779-63-3	N/A	N/A	40%-50%
METHYL ACETATE	79-20-9	171.3	68 F	25.52
ACGIH TLV: 200 ppm TWA				
ACGIH TLV: 250 ppm STEL				
OSHA PEL: 200 ppm TWA				
OSHA PEL: 250 ppm STEL				
isocyanate polymer	53880-05-0			5%-15%
p-chloro-a,a,a-trifluorotoluene	98-56-6	N/A	N/A	0%-10%
ACGIH TLV: 2.5 mg/m3 TWA AS FLUORIDES				
OSHA PEL: 2.5 mg/m3 TWA AS FLUORIDES				
NIOSH: 2.5 mg/m3 TWA AS FLUORIDES				
n-BUTYL ACETATE	123-86-4	8.4	68 F	2.08
ACGIH TLV TWA: 150 ppm				
ACGIH TLV STEL: 200 ppm				
OSHA VPEL TWA: 150 ppm				
OSHA VPEL STEL: 200 ppm				
* pseudocumene	95-63-6	1.58	68 F	1.46
ACGIH TLV: 25 ppm TWA				
OSHA PEL: 25 ppm TWA				
NIOSH: 25 ppm TWA				
NIOSH: 125 mg/m3 TWA				
{N120} hexamethylene diisocyanate	822-06-0	0.0003	77 F	<1%
ACGIH TLV: 0.005 ppm TWA				
ACGIH TLV: 0.34 mg/m3 TWA				
NIOSH: 0.005 ppm TWA				
NIOSH: 35 ug/m3 TWA				

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

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SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS  
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BOILING RANGE: 132 F - 334.4 F      SPECIFIC GRAVITY (H2O=1): 1.1  
VAPOR DENSITY: Heavier than air      EVAPORATION RATE: Slower than ether  
V.O.C. grams/liter: 105.54      V.O.C. lbs/gl: .88  
SOLUBILITY IN WATER: Insoluble      SOLIDS BY VOLUME: 56.787  
APPEARANCE AND ODOR: Clear liquid with organic solvent odor



be accompanied by coughing, labored breathing, tightness in chest, and asthma-like symptoms.

CHRONIC- Overexposure to isocyanates can lead to lung sensitiation and allergic respiratory reaction. Effects may be permanent. Allergic reaction may occur in sensitized individuals at below recommended exposure limit. Reports have linked organic solvents with brain and nervous system damage.

**CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No**  
To the best of our knowledge this material contains no known carcinogens

**OSHA REGULATED: Yes**

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE**

Do not use this product if you have chronic lung or breathing problems, or if you have ever had a reaction to isocyanates.

**EMERGENCY AND FIRST AID PROCEDURES**

If ingestion, or any 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 material safety data sheet available.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Remove all sources of ignition (sparks, flames, and hot surfaces). Avoid breathing vapors. Ventilate 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 buildings designed for the storage of flammable liquids.

**OTHER PRECAUTIONS**

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

===== SECTION VIII - CONTROL MEASURES =====

**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 proper respirator fit is not possible, wear a positive-pressure supplied air respirator (TC-19c). In all cases follow respirator manufactures directions for respirator use. Do not allow anyone without protection into the painting area.

**VENTILATION**

Provide sufficient ventilation to keep contaminates below applicable OSHA requirements.

**PROTECTIVE GLOVES**

Neoprene gloves impervious to organic solvents are recommended.

**EYE PROTECTION**

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Use safety eyewear designed to protect against liquid splash.

**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 and smoking.

===== SECTION IX - DISCLAIMER =====

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.