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 1893 BARRETT ROAD 24 hr. EMERGENCY CHEMTREC:  
 TROY, MICHIGAN 48084 1-800-424-9300

PRODUCT: VC-4 Original® Formula #4  
 MSDS ID: ND1091  
 ORIG. DATE: 7/1/93  
 REV. DATE: 3/8/04  
 REV. DATE: 12/22/08  
 PREPARED BY: Chemical Safety

**SECTION I -Material Identification and Information H: 2 F: 3 R: 0 PPE:C**

COMPONENTS	CAS #	PERCENT %	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED	
Acrylic copolymer	VTB-07-07	not assigned	20-25	n.a.	n.a.	Non-hazardous
Acrylic polymer	VTB-07-08	not assigned	12-18	n.a.	n.a.	Non-hazardous
Ethyl Acetate	141-78-6	65-70	400 ppm	400 ppm		
Pigment	not assigned	<.05	n.a.	n.a.		Non-hazardous

All ingredients are listed on the TSCA Inventory. n.a. = not applicable / n.e. = not established

**SECTION II -Physical and Chemical Characteristics**

<b>BOILING POINT:</b>	> 78°C	<b>VOC #/gal. :</b>	5.351
<b>VAPOR DENSITY:</b>	3.0 air = 1	<b>DENSITY OF COATING:</b>	
<b>VAPOR PRESSURE:</b>	86 mmHg @ 20°C 114 mbar		
<b>MELTING POINT:</b>	n.a.		
<b>SPECIFIC GRAVITY:</b>	> 0.902 water = 1		
<b>EVAPORATION RATE:</b>	4.1		n-Butyl Acetate
<b>WATER REACTIVE:</b>	No		
<b>SOLUBILITY IN WATER:</b>	Moderate.		
<b>APPEARANCE AND ODOR:</b>	Hot pink, viscous liquid with non-residual, "solvent-like" odor.		

**SECTION III - Fire and Explosion Hazard Data**

<b>FLASH POINT:</b>	> -4°C	Tag Closed cup
<b>AUTOIGNITION TEMPERATURE:</b>	> 485°C	
<b>FLAMMABILITY LIMITS % IN AIR:</b>	LEL: 2.02 @ 38°C	UEL: 10.7 @ 38°C
<b>EXTINGUISHER MEDIA:</b>	Use water spray, carbon dioxide, dry chemicals and/or foam.	
<b>SPECIAL FIREFIGHTING PROCEDURES:</b>	Wear a NIOSH approved self-contained breathing apparatus with full face piece operated in pressure-demand or other positive pressure mode when fighting fires.	
<b>UNUSUAL FIRE HAZARDS AND CONDITIONS TO AVOID:</b>	Vapors will creep along floors, stairs, etc... as well as by air currents. Any spark, open flame, or strong heat source will ignite vapors and source. Combustion yields oxides of carbon.	



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Component	Oral LD50	Dermal LD50	Inhalation LC50
Acrylic Copolymer	>5000 mg/kg (rat)	>3000 mg/kg (rabbit)	not determined
Acrylic polymer	not determined	not determined	not determined
Ethyl acetate	5.6 g/kg (rat)	>20 mL/kg (rabbit)	16000 ppm/6 hr (rat)

**SECTION VI - Control and Protective Measures**

**RESPIRATORY PROTECTION:** Wear approved self-contained breathing apparatus in high concentrations.

**PROTECTIVE GLOVES:** Latex or rubber.

**EYE PROTECTION:** Wear approved chemical splash proof goggles.

**VENTILATION TO BE USED:** LOCAL EXHAUST:  MECHANICAL: SPECIFIC: OTHER (specify):

**PROTECTIVE CLOTHING AND EQUIPMENT:** Wear impervious clothing to prevent repeated, prolonged skin contact.

**HYGIENIC WORK PRACTICES:** Practice careful chemical handling and good personal hygiene when working with our product. Wash hands after using product.

**SECTION VII - Precautions for Safe Handling and Spill/Leak Procedures****STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:**

Immediately extinguish all sources of ignition until area is free of explosive hazard. Absorb material on inert filler and place in a sealed container suitable for disposal.

**WASTE DISPOSAL METHODS:** Dispose of in accordance with local, state and federal regulations.

**SAFE HANDLING AND STORAGE:** Avoid breathing product vapors. Keep product away from all sources of ignition, heat or flame. Keep container closed when not in use. Store material in a cool, dry place.

**OTHER PRECAUTIONS AND SPECIAL HAZARDOUS INFORMATION:**

Containers of this product may be hazardous when emptied, since they contain product residue, observe all precautions.

**RECOMMENDED NFPA/HMIS RATING**

**HEALTH 2**

**FLAMMABILITY 3**

**REACTIVITY 0**

**PERSONAL PROTECTION C**

note: ratings may differ according to application, environment, and physical state.

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**NOTES:**

DOT classification: Flammable liquid.  
Shipping name and number: Ethyl Acetate / UN 1173  
DOT reportable quantity: 5000 lb.

**SECTION 313 SUPPLIER NOTIFICATION**

Detaching this notification from the Material Safety Data Sheet is prohibited by law and any copying or distribution of same requires this attachment be included.

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>% BY WEIGHT</u>
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This product contains the following materials that under California Proposition 65 of the Safe Drinking Water and Toxic Enforcement Act of 1986 are recognized to cause cancer or reproductive toxicity.

<u>Material</u>	<u>CAS #</u>	<u>Concentration %</u>	<u>Cancer Agent</u>	<u>Reproductive Toxin</u>	<u>cancer agent &amp; Reproductive Toxin</u>
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