



M650-105 HC CLASSIC CT/VERSACLAD RDCR/RET.

# MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group  
3194 Hickory Boulevard  
Hudson, North Carolina 28638  
828-728-8266

EMERGENCY PHONE (CHEM TREC): ..... 1-800-424-9300  
FOR ALL INTERNATIONAL TRANSPORTATION ACCIDENTS. .... 1-703-527-3887 (collect)

Health: 2                      Flammability: 3                      Reactivity 0

PRODUCT NAME: M650-105 HC CLASSIC CT/VERSACLAD RDCR/RET.

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE:	17/07/06
SUPERCEDES:	19/09/05
MSDS NO.	M650-105
OSHA HAZ. CLASS:	Eye irritant. Neurotoxin - may cause nervous system damage. Mucous membrane (respiratory tract) irritant.

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
butanol	31-40	78-92-2	150 ppm TWA; 450 mg/m3 TWA
PM acetate	31-40	108-65-6	No PEL established
n-butyl acetate	31-40	123-86-4	150 ppm TWA; 710 mg/m3 TWA

## III. HAZARDS IDENTIFICATION

**Routes of Entry:** Inhalation., Absorption., Ingestion., Skin contact., Eye contact.  
**Medical Conditions Aggravated:** Respiratory disease including asthma and bronchitis. Skin disease including eczema and sensitization. Eye disease.

### Immediate (Acute) Health Effects

**Inhalation:** Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

**Skin Contact:** Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

**Eye Contact:** Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

<b>Skin Absorption:</b>	Harmful if absorbed through the skin. May cause severe irritation and systemic damage. No absorption hazard in normal industrial use.
<b>Ingestion:</b>	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
<b>Target Organ Acute Toxicity:</b>	
n-Butyl alcohol	eyes, CNS, skin, respiratory system
n-Butyl acetate	eyes, skin, respiratory system, CNS
<b><u>Long-Term (Chronic) Health Effects:</u></b>	
<b>Carcinogenicity:</b>	None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.
<b>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
<b>Inhalation:</b>	Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
<b>Skin Contact:</b>	Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
<b>Eye Contact:</b>	Upon prolonged or repeated contact, can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
<b>Skin Absorption:</b>	Upon prolonged or repeated exposure, harmful if absorbed through the skin. May cause severe irritation and systemic damage.
<b>Target Organ Chronic Toxicity:</b>	Respiratory Tract. Skin. Respiratory Tract. Nervous System. Eyes.
<b>Supplemental Health Hazard Information:</b>	No additional health information available.

#### **IV. FIRST AID**

<b>Inhalation:</b>	Remove to fresh air. Get medical attention immediately. Have a trained individual administer humidified oxygen. If not breathing, give artificial respiration.
<b>Eyes:</b>	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
<b>Skin Contact:</b>	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
<b>Ingestion:</b>	Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.
<b>Notes to MD:</b>	No additional first aid information available.

#### **V. FIRE FIGHTING MEASURES**

##### **Flammability Summary:**

**Flash Point:** 81 (CALC.) °F  
**Upper Flammable/Explosive Limit, % in air:** 13.1 @ 77° F  
**Lower Flammable/Explosive Limit, % in air:** 1.3 @ 77° F

**Fire Hazards:** Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

**Hazardous Combustion Products:** Carbon dioxide, Carbon monoxide

## **VI. ACCIDENTAL RELEASE MEASURES**

**Health Consideration for Spill Response:** Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

**Spill Mitigation Procedures General Methods:** Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

## **VII. HANDLING AND STORAGE**

**Handling:** Wash thoroughly after handling. Avoid contact with material. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment. Keep in air-tight containers- material is hygroscopic. Remove contaminated clothing and wash before reuse. Harmful or irritating material. Avoid contact and avoid breathing the material. Use only in a well ventilated area.

**Storage:** Keep away from heat, sparks, and flame. Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed.

## **VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT**

**Engineering Controls:** Explosion proof exhaust ventilation should be used. No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

### **Protective Equipment**

**Respiratory Tract:** Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit testing, exposure assessments, maintenance, inspection, cleaning, and convenient, sanitary storage should be implemented.

**Eyes:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

**Skin:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

## IX. PHYSICAL DATA

<b>Physical State:</b>	CLEAR LIQUID
<b>Odor:</b>	ESTER-LIKE, SWEET
<b>Solids Vol %:</b>	0.0000
<b>Solids Wt %:</b>	0.0000
<b>Material VOC lbs/gal:</b>	7.3086
<b>Material VOC gms/l:</b>	877.7033
<b>Coatings VOC lbs/gal:</b>	7.3086
<b>Coatings VOC gms/l:</b>	877.7033
<b>Weight per gallon lbs:</b>	7.3253

VOC data per US EPA guidelines. State and local variations may apply.

## X. STABILITY AND REACTIVITY

**Stability Information:** Stable under normal conditions.

**Conditions to Avoid:** Contamination. None known.

**Chemical Incompatibility:** Acids. Acetic anhydride. Peroxides. Oxidizing materials. Strong oxidizing agents. Strong acids. Strong alkalies.

## XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
sec-Butyl alcohol	78-92-2	Inhalation LC50 Rat : 8000 ppm/4H; Oral LD50 Rat : 790 mg/kg; Oral LD50 Mouse : 2680 mg/kg; Dermal LD50 Rabbit : 3400 mg/kg
Acetic acid, 2-methoxy-1-methylethyl ester	108-65-6	Oral LD50 Rat : 8532 mg/kg; Dermal LD50 Rabbit : >5 gm/kg
Acetic acid, butyl ester	123-86-4	Inhalation LC50 Rat : 2000 ppm/4H; Inhalation LC50 Mouse : 6 gm/m <sup>3</sup> /2H; Oral LD50 Rat : 10768 mg/kg; Oral LD50 Mouse : 6 gm/kg; Dermal LD50 Rabbit : >17600 mg/kg

## XII. ECOLOGICAL INFORMATION

**Overview (for ingredients):** No data available. This material is not expected to be harmful to the ecology.

## XIII. DISPOSAL CONSIDERATIONS

**Waste Description for Spent Product:** Spent or discarded material is a hazardous waste.

**Disposal Methods:** Comply with all Local, State, Federal, and Provincial Environmental Regulations. Dispose of by incineration following Federal, State, Local, or Provincial regulations.

**Potential EPA Waste Codes:** If discarded, this product is considered a RCRA ignitable waste, D001.

**Components Subject to USEPA Land Disposal Restrictions:**

n-Butyl alcohol	78-92-2	33.35 %
-----------------	---------	---------

**XIV. TRANSPORTATION INFORMATION**

---

**DOT** PAINT, 3, UN 1263, III  
See 49CFR 172.101 for Special Provisions, Packaging, and Quantity Limitations.

**XV. REGULATORY INFORMATION**

---

<b>Chemical Name</b>	<b>Regulation</b>	<b>CASRN</b>	<b>%</b>
sec-Butyl alcohol	SARA 313 Reportable:	78-92-2	33.35
butanol	New Jersey Right To Know:	78-92-2	33.35
PM acetate	New Jersey Right To Know:	108-65-6	33.33
n-butyl acetate	New Jersey Right To Know:	123-86-4	33.28

**XVI. ADDITIONAL INFORMATION**

---

**Other Information:** IMPORTANT: WHILE THE DESCRIPTIONS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU PERFORM AN ASSESSMENT TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED, DATA OR INFORMATION SET FORTH. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, OR DATA PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, THE DESCRIPTIONS, DATA AND INFORMATION FURNISHED HEREUNDER ARE GIVEN GRATIS. NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DATA AND INFORMATION GIVEN ARE ASSUMED. ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

MSDS glossary.