



B740-001 FILOWOOD W/B FRUITWOOD PUTTY

# MATERIAL SAFETY DATA SHEET

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

Health: 2                      Flammability: 0                      Reactivity 0

PRODUCT NAME: B740-001 FILOWOOD W/B FRUITWOOD PUTTY

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 25/09/03  
SUPERCEDES: 18/09/03  
MSDS NO. B740-001

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Quartz	31-40	14808-60-7	see Table Z-3
Magnesium Silicate Hydrate	11-20	14807-96-6	see Table Z-3
Alkyd resin	1-10	proprietary	No PEL established
propylene glycol	1-10	57-55-6	No PEL established
Ammonia	<1	7664-41-7	50 ppm TWA; 35 mg/m3 TWA

## III. HAZARDS IDENTIFICATION

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

### Immediate (Acute) Health Effects

**Inhalation:** Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material. Can cause mechanical irritation if dusts are generated. Can be corrosive to the respiratory tract causing severe irritation and tissue damage.

**Skin Contact:** Substance may cause slight skin irritation. No hazard in normal industrial use. Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage. Corrosive to skin tissue. Can cause chemical burns.

**Eye Contact:** Can cause mechanical irritation if dusts are generated. No hazard in normal industrial use. Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue. Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.

**Skin Absorption:** No component(s) in this product is known to be absorbed through the skin. No absorption hazard in normal industrial use.

**Ingestion:** No hazard in normal industrial use. Corrosive to tissue. Can cause severe and permanent damage to mouth, throat, stomach. Aspiration may lead to lung damage.

**Target Organ Acute Toxicity:**

Silica, crystalline respiratory system, eyes (in animals: lung cancer)

Talc (containing no asbestos and less than 1% quartz) CVS, eyes, respiratory system

Ammonia respiratory system, eyes, skin

**Long-Term (Chronic) Health Effects:**

**Carcinogenicity:** None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

**Reproductive and Developmental Toxicity:** No information available. Contains a substance(s) that is a possible reproductive system hazard based on high dose tests with laboratory animals.

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**Inhalation:** Upon prolonged and/or repeated exposure, can be corrosive to the respiratory tract causing severe irritation and tissue damage.

**Skin Contact:** Upon prolonged or repeated contact, corrosive to skin tissue. Can cause chemical burns.

**Eye Contact:** Upon prolonged or repeated contact, dust contact can cause mechanical irritation. Upon prolonged or repeated contact, may become corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can lead to permanent injury including blindness.

**Skin Absorption:** Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material. Upon prolonged or repeated exposure, no hazard in normal industrial use.

**Target Organ Chronic Toxicity:** Eyes. Respiratory Tract. Skin.

**Supplemental Health Hazard Information:** No additional health information available.

**IV. FIRST AID**

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**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

**Eyes:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel. None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists. Wash with soap and water. Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately.

**Ingestion:** No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.

**Notes to MD:** No additional first aid information available.

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## **V. FIRE FIGHTING MEASURES**

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### **Flammability Summary:**

**Flash Point:** >200 (CALC.) °F

**Fire Hazards:** Use process enclosures to control the level of dust in the air.

**Extinguishing Media:** Use methods suitable to fight surrounding fire.

**Fire Fighting Instructions:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products.

**Hazardous Combustion Products:** Carbon monoxide Ammonia Hydrogen Nitrogen containing gases

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## **VI. ACCIDENTAL RELEASE MEASURES**

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**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.

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## **VII. HANDLING AND STORAGE**

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**Handling:** Avoid contact with material. Minimize dust generation and accumulation. Wash thoroughly after handling. Keep in air-tight containers- material is hygroscopic. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Do not enter storage area unless adequately ventilated. 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 container closed when not in use. Do not store near combustible materials. Store in a cool place in original container and protect from sunlight. No special requirements.

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

**Engineering Controls:** Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Facilities storing or using this material should be equipped with an eyewash and safety shower. 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>	COLORED VISCOUS LIQUID
<b>Odor:</b>	NONE TO VERY FAINT
<b>Solids Vol %:</b>	60.4664
<b>Solids Wt %:</b>	76.1835
<b>Material VOC lbs/gal:</b>	0.5662
<b>Material VOC gms/l:</b>	67.9924
<b>Coatings VOC lbs/gal:</b>	0.8338
<b>Coatings VOC gms/l:</b>	100.128
<b>Weight per gallon:</b>	14.4523

## **X. STABILITY AND REACTIVITY**

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

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

**Chemical Incompatibility:** Strong oxidizing agents. Metals. Acids. Strong reducing agents. Strong acids.

**Hazardous Polymerization:** Hazardous Polymerization will not occur.

## XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
1,2-Propanediol	57-55-6	Oral LD50 Rat : 20 gm/kg; Oral LD50 Mouse : 22 gm/kg; Dermal LD50 Rabbit : 20800 mg/kg
Ammonia	7664-41-7	Inhalation LC50 Rat : 2000 ppm/4H; Inhalation LC50 Mouse : 4230 ppm/1H

## 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:** Mixing spent or discarded material with other materials may render the mixture hazardous. Perform a hazardous waste determination on mixtures. Spent or discarded material is non-hazardous according to environmental regulations. Spent or discarded material is not expected to be a hazardous waste.

**Disposal Methods:** Perform waste water treatment. Comply with all Local, State, Federal, and Provincial Environmental Regulations. Dispose of in a landfill. Disposal is not likely to be regulated.

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

No chemicals subject to land disposal restrictions. %

## XIV. TRANSPORTATION INFORMATION

**DOT** NON REGULATED

## XV. REGULATORY INFORMATION

Chemical Name	Regulation	CASRN	%
Aluminum oxide	SARA 313 Reportable:	1344-28-1	0.18
Ammonia	SARA 313 Reportable:	7664-41-7	0.04
Ammonia	Extremely Haz. Substances:	7664-41-7	0.04
TPQ = 500 pounds; RQ = 100 pounds (does not meet toxicity criteria but because of high production volume and recognized toxicity is considered a chemical of concern)	SARA Threshold Planning Quantity:	7664-41-7	0.04
Quartz	New Jersey Right To Know:	14808-60-7	36.32
Magnesium Silicate Hydrate	New Jersey Right To Know:	14807-96-6	10.08
Acrylic Polymer	New Jersey Right To Know:	PROPRIETARY	9.4
Alkyd resin	New Jersey Right To Know:	proprietary	4.15
propylene glycol	New Jersey Right To Know:	57-55-6	2.2
Ammonia	New Jersey Right To Know:	7664-41-7	0.04

## **XVI. ADDITIONAL INFORMATION**

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**Other Information:**

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MSDS glossary.