



B741-004 Raw Walnut Wood Filler

MATERIAL SAFETY DATA SHEET

RPM Wood Finishes Group
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FOR ALL INTERNATIONAL TRANSPORTATION ACCIDENTS. 1-703-527-3887 (collect)

Health: 1 Flammability: 0 Reactivity 0

PRODUCT NAME: B741-004 Raw Walnut Wood Filler

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 04/11/03
SUPERCEDES: 22/07/02
MSDS NO. B741-004

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Quartz	61-70	14808-60-7	see Table Z-3
Waterbased Defoamer	<1		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 be corrosive to the respiratory tract causing severe irritation and tissue damage.

Skin Contact: May cause skin irritation. Can cause minor skin irritation, defatting, and dermatitis. Corrosive to skin tissue. Can cause chemical burns.

Eye Contact: Can cause mechanical irritation if dusts are generated. Can cause minor irritation, tearing and reddening. Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.

Ingestion: 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)
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 data available to indicate product or any components present at greater than 0.1% may cause birth defects.

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: Prolonged or repeated contact may cause irritation. 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.

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

Supplemental Health Hazard Information: No additional health information available.

IV. FIRST AID

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.

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. Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing. Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

Skin Contact: Wash with soap and water. 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: Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS.

Notes to MD: No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Flash Point: WILL NOT FLASH °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: Ammonia Hydrogen Nitrogen containing gases

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response: No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

Spill Mitigation Procedures General Methods: No special spill clean-up considerations. Collect and discard in regular trash.

VII. HANDLING AND STORAGE

Handling: Avoid contact with material. Minimize dust generation and accumulation. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not enter storage area unless adequately ventilated. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Remove contaminated clothing and wash before reuse. Mildly irritating material. Avoid unnecessary exposure.

Storage: Keep from freezing. 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. General room ventilation might be required to maintain operator comfort under normal conditions of use.

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

Physical State:	PASTE
Odor:	NONE TO VERY FAINT
Solids Vol %:	65.0459
Solids Wt %:	79.4186
Material VOC lbs/gal:	0.1909
Material VOC gms/l:	22.9305
Coatings VOC lbs/gal:	0.2835
Coatings VOC gms/l:	34.051
Weight per gallon:	14.8648

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. Strong acids.
Hazardous Polymerization:	Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
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.
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XIII. DISPOSAL CONSIDERATIONS

Disposal Methods:	Perform waste water treatment. Dispose of in a landfill. Disposal is not likely to be regulated.
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Components Subject to USEPA Land Disposal Restrictions:

No chemicals subject to land disposal restrictions.

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XIV. TRANSPORTATION INFORMATION

DOT NON REGULATED

XV. REGULATORY INFORMATION

Chemical Name	Regulation	CASRN	%
Ammonia	SARA 313 Reportable:	7664-41-7	0.01
Ammonia	Extremely Haz. Substances:	7664-41-7	0.01
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	0.01
Quartz	New Jersey Right To Know:	14808-60-7	67.25
Waterbased Defoamer	New Jersey Right To Know:		0.1
Ammonia	New Jersey Right To Know:	7664-41-7	0.01

XVI. ADDITIONAL INFORMATION

Other Information:

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MSDS glossary.