



M735-1266 ANTIQUE WHITE PATCHAL PUTTY

# MATERIAL SAFETY DATA SHEET

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

Health: 2                      Flammability: 2                      Reactivity 0

PRODUCT NAME: M735-1266 ANTIQUE WHITE PATCHAL PUTTY

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 20/06/03  
SUPERCEDES: 29/05/03  
MSDS NO. M735-1266

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Quartz	41-50	14808-60-7	see Table Z-3
aliphatic petroleum distillates	21-30	64742-47-8	No PEL established
Modified Complex Hydrocarbon	11-20	64742-60-5	No PEL established
Glycerol Tri Stearate	1-10	8030-12-4	No PEL established
Oil	1-10	8001-20-5	No PEL established
white petrolatum	1-10	8009-03-8	No PEL established
polyethylene wax	1-10	8002-74-2	No PEL established
carnauba wax	1-10	8015-86-9	No PEL established
titanium dioxide	1-10	13463-67-7	total dust: 15 mg/m <sup>3</sup> TWA

## III. HAZARDS IDENTIFICATION

**Routes of Entry:** Inhalation., Ingestion., Skin contact., Eye contact., Absorption., None Known.  
**Medical Conditions Aggravated:** Eye disease. Persons with reduced pulmonary function may experience breathing difficulty. Pre-existing skin or respiratory conditions. No medical conditions affected by exposure.

### 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. At elevated temperatures may cause irritation of the eyes and respiratory tract. No hazard in normal industrial use. Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

<b>Skin Contact:</b>	Continued or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Can cause minor skin irritation, defatting, and dermatitis.
<b>Eye Contact:</b>	Can cause mechanical irritation if dusts are generated. Can cause minor irritation, tearing and reddening. No hazard in normal industrial use.
<b>Skin Absorption:</b>	No component(s) in this product is known to be absorbed through the skin. A single exposure is not likely to result in the product being absorbed through the skin in harmful amounts. No absorption hazard in normal industrial use.
<b>Ingestion:</b>	Harmful if swallowed. No hazard in normal industrial use. May cause vomiting. Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.
<b>Target Organ Acute Toxicity:</b>	
Silica, crystalline	respiratory system, eyes (in animals: lung cancer)
Paraffin wax fume	eyes, skin, respiratory system
Titanium dioxide	respiratory system (in animals: lung tumors)
<b><u>Long-Term (Chronic) Health Effects:</u></b>	
<b>Carcinogenicity:</b>	Not listed by ACGIH, IARC, NIOSH, NTP or OSHA. 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>Reproductive and Developmental Toxicity:</b>	No information available.
<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 minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.
<b>Skin Contact:</b>	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.
<b>Eye Contact:</b>	Upon prolonged or repeated contact, dust contact can cause mechanical irritation. Upon prolonged or repeated contact, can cause minor irritation, tearing and reddening.
<b>Skin Absorption:</b>	Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material. Contains methanol. Upon prolonged or repeated exposure, may cause deterioration of the optic nerve if large quantities are absorbed through the skin. Repeated absorption of large quantities may lead to blindness. Upon prolonged or repeated exposure, no hazard in normal industrial use.
<b>Target Organ Chronic Toxicity:</b>	Eyes. Respiratory Tract. No Data. No Data.
<b>Supplemental Health Hazard Information:</b>	No additional health information available.

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

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<b>Inhalation:</b>	Remove to fresh air. If breathing becomes difficult, give oxygen and get medical attention. No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop. Remove to fresh air. No first aid expected to be needed. 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.
<b>Eyes:</b>	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. Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. 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.
<b>Skin Contact:</b>	Wash with mild soap and water. If irritation occurs get medical attention. If clothing is contaminated, remove and wash before reuse. Wash with soap and water. For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing as the damaged flesh can be easily torn. Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion:</b>	DO NOT induce vomiting. Get immediate medical attention. Drink 3-4 glasses of water and DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention. No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.
<b>Notes to MD:</b>	No additional first aid information available.

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

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

<b>Flash Point:</b>	105 (CALC.) °F
<b>Upper Flammable/Explosive Limit, % in air:</b>	0.6 @ 77° F
<b>Lower Flammable/Explosive Limit, % in air:</b>	7.0 @ 77° F

<b>Fire Hazards:</b>	Use process enclosures to control the level of dust in the air. Vapors are heavier than air and can travel to a source of ignition and flash back. Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
<b>Extinguishing Media:</b>	Foam Carbon dioxide Use alcohol resistant spray, Carbon Dioxide, water spray or dry chemical to extinguish a fire involving this chemical. Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do Not direct a stream of water into the hot burning liquid.

**Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Apply cooling water to exposed containers well after fire is out. Use methods for the surrounding fire. Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

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

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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. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Follow all protective equipment recommendations provided in Section VIII. 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. Store in a cool dry place away from ignition sources. Store in a cool dry place. Isolate from incompatible materials.

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

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**Engineering Controls:** Check ventilation codes. Good general room ventilation should be sufficient to control airborne contaminants to safe levels. 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

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**Physical State:** PASTE  
**Odor:** OILY HYDROCARBON  
**Solids Vol %:** 60.1418  
**Solids Wt %:** 75.8055  
**Material VOC lbs/gal:** 2.5496  
**Material VOC gms/l:** 306.1894  
**Coatings VOC lbs/gal:** 2.5496  
**Coatings VOC gms/l:** 306.1894  
**Weight per gallon:** 10.5621

## X. STABILITY AND REACTIVITY

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**Stability Information:** Stable. Stable under normal conditions.  
**Conditions to Avoid:** Contamination. Caustic amines, alkanamines and inorganic acids. None known.  
**Chemical Incompatibility:** Strong oxidizing agents. Metals. Oxidizing materials.  
**Hazardous Polymerization:** Hazardous Polymerization will not occur.

## XI. TOXICOLOGICAL INFORMATION

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Chemical Name	CAS Number	LD50/LC50
No data available		

## XII. ECOLOGICAL INFORMATION

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

## XIII. DISPOSAL CONSIDERATIONS

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**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.

**Disposal Methods:** Comply with all Local, State, Federal, and Provincial Environmental Regulations. Dispose of in a permitted industrial waste landfill following Federal, State, Local, or Provincial regulations.

## Components Subject to USEPA Land Disposal Restrictions:

No chemicals subject to land disposal restrictions. %

## XIV. TRANSPORTATION INFORMATION

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**DOT** Flammable liquids, n.o.s., 3, UN 1993, III (contains )

## **XV. REGULATORY INFORMATION**

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<b>Chemical Name</b>	<b>Regulation</b>	<b>CASRN</b>	<b>%</b>
Aluminum oxide	SARA 313 Reportable:	1344-28-1	0.23
Quartz	New Jersey Right To Know:	14808-60-7	45.39
aliphatic petroleum distillates	New Jersey Right To Know:	64742-47-8	23.71
Modified Complex Hydrocarbon	New Jersey Right To Know:	64742-60-5	10.72
Glycerol Tri Stearate	New Jersey Right To Know:	8030-12-4	4.4
Oil	New Jersey Right To Know:	8001-20-5	3.75

## **XVI. ADDITIONAL INFORMATION**

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**Other Information:**

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MSDS glossary.