



B370-001 Mahogany Blendal Plwders

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: B370-001 Mahogany Blendal Plwders

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE: 08/05/03
SUPERCEDES: 22/02/02
MSDS NO. B370-001

II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
iron oxide	61-70	1332-37-2	ACGIH TLV: 5mg/M3 TWA OSHA STEL: 10 ppm (iron Oxide Fume as Fe)
manganese oxide	11-20	1317-34-6	No PEL established
Magnesium Silicate Hydrate	1-10	14807-96-6	see Table Z-3
raw sienna pigment	1-10	PROPRIETARY	No PEL established
Quartz	1-10	14808-60-7	see Table Z-3
carbon black	<1	1333-86-4	3.5 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.

Immediate (Acute) Health Effects

Inhalation: Slightly irritating to the respiratory tract. Can cause mechanical irritation if dusts are generated. Chronic lung disease (silicosis) and/or lung cancer may result from prolonged/repeated breathing of the dust of this material. Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

Skin Contact: May cause skin irritation. No hazard in normal industrial use. Can cause minor skin irritation, defatting, and dermatitis.

Eye Contact: Can cause mechanical irritation if dusts are generated. No hazard in normal industrial use. Can cause minor irritation, tearing and reddening.

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. Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

Target Organ Acute Toxicity:

Iron oxide dust and fume	respiratory system
Talc (containing no asbestos and less than 1% quartz)	CVS, eyes, respiratory system
Silica, crystalline	respiratory system, eyes (in animals: lung cancer)
Carbon black	respiratory system, eyes, lymphatic cancer

Long-Term (Chronic) Health Effects:

Carcinogenicity:

Reproductive and Developmental Toxicity: No information available. 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 cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

Skin Contact: Prolonged or repeated contact may cause irritation. Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

Eye Contact: Upon prolonged or repeated contact, dust contact can cause mechanical irritation. Upon prolonged or repeated contact, can cause minor irritation, tearing and reddening.

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.

Supplemental Health Hazard Information: No additional health information available.

IV. FIRST AID

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

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.

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. Get medical attention if irritation develops or persists.

Ingestion: Dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate 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.

Notes to MD: No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability Summary:

Upper Flammable/Explosive Limit, % in air: 0.0 @ 77° F
Lower Flammable/Explosive Limit, % in air: 0.0 @ 77° 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: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Hazardous Combustion Products: Carbon monoxide

VI. ACCIDENTAL RELEASE MEASURES

Health Consideration for Spill Response: No health effects 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. Mildly irritating material. Avoid unnecessary exposure.

Storage: Keep container closed when not in use. No special requirements.

VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

Engineering Controls: Check ventilation codes. 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:	Colored Powder
Odor:	None to very faint
Solids Vol %:	100.0000
Solids Wt %:	100.0000
Material VOC lbs/gal:	0.0000
Material VOC gms/l:	0.0000
Coatings VOC lbs/gal:	0.000
Coatings VOC gms/l:	0.00
Weight per gallon:	28.3989

X. STABILITY AND REACTIVITY

Stability Information:	Stable. Stable under normal conditions.
Conditions to Avoid:	Contamination. High temperatures. None known.
Chemical Incompatibility:	Strong oxidizing agents. Metals.
Hazardous Polymerization:	Hazardous Polymerization will not occur.

XI. TOXICOLOGICAL INFORMATION

Chemical Name	CAS Number	LD50/LC50
Carbon black	1333-86-4	Oral LD50 Rat : >15400 mg/kg; Dermal LD50 Rabbit : >3 gm/kg

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

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.
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Disposal Methods: 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	%
No 313-listed chemicals in this product	SARA 313 Reportable:		
Carbon Black	California Proposition 65 Cancer List:	1333-86-4	0.84
iron oxide	New Jersey Right To Know:	1332-37-2	60.41
manganese oxide	New Jersey Right To Know:	1317-34-6	11.26
Magnesium Silicate Hydrate	New Jersey Right To Know:	14807-96-6	9.17
raw sienna pigment	New Jersey Right To Know:	PROPRIETARY	8.1
Quartz	New Jersey Right To Know:	14808-60-7	3.54

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.