



M370-1516 Blendal Pine Powder

# 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: 1                      Flammability: 0                      Reactivity 0**

**PRODUCT NAME: M370-1516 Blendal Pine Powder**

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION DATE:                      14/12/01  
SUPERCEDES:                      26/06/01  
MSDS NO.                      M370-1516

## II. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	%	CAS #	PEL
Natural Iron Oxide	41-50	1317-63-1	No PEL established
Titanium dioxide	11-20	13463-67-7	total dust: 15 mg/m3 TWA
Magnesium Silicate Hydrate	11-20	14807-96-6	see Table Z-3
Ferric oxide	1-10	1309-37-1	10 mg/m3 TWA
Quartz	1-10	14808-60-7	see Table Z-3

## 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:** 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:** Substance may cause slight skin irritation. Can cause minor irritation, tearing and reddening.

**Eye Contact:** Can cause mechanical irritation if dusts are generated. { 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:** Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort.

**Target Organ Acute Toxicity:**

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

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

**Carcinogenicity:** Contains a substance that is a probable cancer hazard based on human studies.

**Reproductive and Developmental Toxicity:** No information available.

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

**Eye Contact:** Upon prolonged or repeated contact, dust contact can cause mechanical irritation.

**Skin Absorption:** Skin sensitization, characterized by redness, inflammation, itching and/or burning may result from prolonged or repeated contact with this material.

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

**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.

**Eyes:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists. 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.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation develops or persists.

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

**V. FIRE FIGHTING MEASURES**

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**Flammability Summary:**

**Flash Point:** No data. Material does not have a flash point.  
**Upper Flammable/Explosive Limit, % in air:** 0.0 @ 77° F

<b>Lower Flammable/Explosive Limit, % in air:</b>	0.0 @ 77° F
<b>Fire Hazards:</b>	Use process enclosures to control the level of dust in the air.
<b>Extinguishing Media:</b>	Use methods suitable to fight surrounding fire.
<b>Fire Fighting Instructions:</b>	Use process enclosures to control the level of dust in the air.
<b>Hazardous Combustion Products:</b>	Carbon monoxide

## VI. ACCIDENTAL RELEASE MEASURES

<b>Health Consideration for Spill Response:</b>	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
<b>Spill Mitigation Procedures General Methods:</b>	No special spill clean-up considerations. Collect and discard in regular trash.

## VII. HANDLING AND STORAGE

<b>Handling:</b>	Minimize dust generation and accumulation. Wash thoroughly after handling. Avoid contact with material.
<b>Storage:</b>	Keep container closed when not in use.

## VIII. ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

<b>Engineering Controls:</b>	Check ventilation codes.
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### Protective Equipment

<b>Respiratory Tract:</b>	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.
<b>Eyes:</b>	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.
<b>Skin:</b>	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 Powder
<b>Odor:</b>	None to very faint

**Solids Vol %:** 100  
**Solids Wt %:** 100  
**Material VOC lbs/gal:** 0.00  
**Material VOC gms/l:** 0.00  
**Weight per gallon:** 28.1904

**X. STABILITY AND REACTIVITY**

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**Stability Information:** Stable.  
**Conditions to Avoid:** Contamination.  
**Chemical Incompatibility:** Metals. Strong oxidizing agents.  
**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.

**Ecological Toxicity Values:**

**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:** Dispose of in a landfill. Disposal is not likely to be regulated.

**Potential EPA Waste Codes:** No data.

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

No chemicals subject to land disposal restrictions. %

**XIV. TRANSPORTATION INFORMATION**

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**DOT** Non-regulated

**XV. REGULATORY INFORMATION**

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Toxic Substances Control Act (TSCA):

Chemical Name	Regulation	CASRN	%
No 313-listed chemicals in this product	SARA 313 Reportable:		
Raw Sienna Natural Iron Oxide	New Jersey Right To Know:	1317-63-1	42.63
Hydrous Calcium Magnesium Silicate	New Jersey Right To Know:	N/A	17.25
Titanium dioxide	New Jersey Right To Know:	13463-67-7	16.11
Talc	New Jersey Right To Know:	14807-96-6	11.69
Ferric oxide	New Jersey Right To Know:	1309-37-1	9.32

## **XVI. ADDITIONAL INFORMATION**

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**Other Information:**

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MSDS glossary.