



MATERIAL SAFETY DATA SHEET

PRO VALUE PRE-MIXED & POWDERED WOOD PUTTY

WÜRTH NORTH AMERICA
4250 Golf Acres Drive
North Carolina, NC 28208

Product Safety: 800.868.0291
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Version: 1

SECTION I:

PRODUCT IDENTIFICATION

PRODUCT (s): WOOD PUTTY, PRE-MIXED & POWDERED, RED OAK

CHEMICAL FAMILY: Aqueous mixture of limestone and latex.

SECTION II:

INGREDIENTS

MATERIAL	WT%	CAS NUMBER
Limestone	>45	1317-65-3
Or Dolomite		16389-88-1
Or Gypsum		13397-24-5
Water	<35	7732-18-5
Mica	<10	12001-26-2
Ethylene- Vinyl Acetate Polymer		24937-78-8
Or vinyl Acetate Polymer		9003-20-7
Attapulgate	<5	12174-11-7
Vinyl Acetate Monomer		108-05-4
Acetaldehyde	<0.1	75-07-0
Crystalline Silica	<2	14808-60-7
May contain the following:		
Talc	<10	14807-96-6
Pyrophyllite	<5	12269-78-2

*** THIS IS A NON-ASBESTOS PRODUCT. ***

All ingredients of this product are included in the U.S. Environmental Protection Agency's Toxic substances Control Act Chemical Substance Inventory. All components of this product are included in the Canadian Domestic Substances List (DSL) or the Canadian Non-Domestic Substances List (NDSL).

INFORMATION FOR HANDLING AND IDENTIFICATION OF CHEMICAL HAZARDS

NFPA Ratings: Health: 0 Fire: 0 Reactivity: 0 Other: N/A

HMIS Ratings: Health: 0 Fire: 0 Reactivity: 0

Personal Protection: Use eye and skin protection. Use NIOSH/MSHA-approved respiratory protection when necessary.

0 = Minimal Hazard 1 = Slight Hazard 2 = Moderate Hazard 3 = Serious Hazard 4 = Severe Hazard



SECTION III:

Appearance and Odor:	Earth tone colors; low odor.
Boiling Point:	212°F
Melting/Freezing Point:	32°F
Specific Gravity (H₂O = 1):	1.6
pH Range:	7-8.5
Vapor Pressure:	17 @ 20°F
Volatile Organic Compounds:	<2 g/L
Hardening Time:	Varies. Check usage and/or product specification data.

SECTION IV:

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	Noncombustible
Extinguishing Media:	Use extinguishing media appropriate for surrounding fire
Special Fire Fighting Procedures:	None
Unusual Fire and Explosion Hazards:	None
Special Fire Fighting Protective Equipment:	None

SECTION V:

HEALTH HAZARD DATA

Nuisance dust can be released during dry sanding of this product. Eye, skin, nose, throat, and upper respiratory irritation can occur with prolonged dust exposure.

EFFECTS OF OVEREXPOSURE:

ACUTE:

EYES: Direct contact can cause mechanical irritation of eyes. If burning, redness, itching, pain or other symptoms persist or develop, consult physician.

SKIN: Direct, prolonged or repeated contact with the skin may cause irritation. May dry skin. Rubbing of this product against the skin can result in abrasions.

Rinse with water until free of material to avoid abrasions, then wash skin thoroughly with mild soap and water. If irritation persists, consult physician.

INHALATION: Inhalation of dust from this product may irritate the nose, throat, lungs, and upper respiratory tract. Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions such as respiratory symptoms persist, consult physician.

INGESTION: No known effects.

CHRONIC:

EYES: None Known.

SKIN: None Known.



INHALATION: This product may contain small amounts of vinyl acetate monomer, vapors of which have been shown to cause tumors in the respiratory tract of laboratory animals. Chronic overexposure to vinyl acetate is not expected to occur during normal handling and use of this product. Vinyl acetate has been shown to cause irritation and cancer in inhalation studies with laboratory animals. Test levels of 600ppm over a lifetime causes an increase in tumors in the respiratory tract of the test animals. 200ppm caused irritation. No tumors were observed in the animals exposed at 50ppm or lower. There is no evidence of adverse effects to humans exposed to levels at or below the TLV.

Chronic overexposure to respirable crystalline silica may result in lung disease (i.e., silicosis) and/or lung cancer. Prolonged and repeated breathing of respirable mica or talc dust may cause lung disease (pneumoconiosis).

INGESTION: No Known effects.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush thoroughly with plenty of water for 15 minutes to remove particles. If irritation persists, consult physician.

SKIN: Rinse with water, then wash with mild soap and water. A commercially available hand lotion may be used to treat dry skin areas. If skin has become cracked, take appropriate action to prevent infection and promote healing. If irritation persists, consult physician.

INHALATION: Remove to fresh air. Leave the area of dust exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary, however, if conditions warrant, contact physician.

INGESTION: No harmful effects expected. No specific recommendation. If gastric disturbance occurs, call physician.

TARGET ORGANS: Eyes, skin, and respiratory system.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED: Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma.

PRIMARY ROUTES OF ENTRY: Inhalation; Eye and/or Skin contact.

CARCINOGENICITY OF INGREDIENTS:

MATERIAL	IARC	NTP
Respirable Crystalline Silica	Group 1	Known
Acetaldehyde	2B	Anticipated
Vinyl Acetate Monomer	2B	Not Listed

Vinyl acetate monomer and acetaldehyde, if present, are trace components of the vinyl acetate polymer. Quantities of monomer have not been measured, but would be expected to be less than 0.1 Wt. %.

SECTION VI: REACTIVITY DATA

STABILITY:	Stable
INCOMPATIBILITY:	None Known
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION:	CO ² would be produced at high temperatures with the decomposition of limestone (~800°C). Stable under normal temperature and pressure. Product contains low level of organic volatiles which may be emitted or released in application processes involving the use of heat. Thermal decomposition will produce H ² O, CO ² , CO, and acetic acid. Could produce vinyl acetate monomers when temperature is above 175°C.



SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASE OR SPILLED:

Use normal clean up procedures. Spilled material can produce slippery conditions, be cautious to avoid falling. Wear appropriate protective equipment. Shovel material from spillage into a waste container for disposal.

WASTE DISPOSAL METHOD:

Dispose of material in accordance with federal, state, and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

No TLV assigned to this mixture; see Ingredients Section. Minimize dust exposures in accordance with good hygiene practice.

RESPIRATORY PROTECTION:

Not typically necessary under normal conditions of use. Provide general ventilation and local exhaust ventilation to meet TLV requirements of individual ingredients and to control dusting conditions. Wear a NIOSH/MSHA-approved respirator when dusty conditions exist, in poorly ventilated areas, and if TLV is exceeded.

VENTILATION:

Ventilate to keep exposures below TLV. General ventilation is expected to be satisfactory. Use local exhaust ventilation if necessary to control dust.

PERSONAL PROTECTIVE EQUIPMENT:

Wear eye protection (safety glasses or goggles) to avoid particulate irritation of the eye. Gloves or protective clothing are usually not necessary, but may be desirable in specific work situations. Wear adequate clothing to minimize chafing or drying of skin.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Normal precautions should be followed in handling, storage, and use. During handling and use wear the appropriate respiratory, eye and skin protection of warranted per environmental conditions.

Recommended Storage Methods: Store at room temperature in a dry location. Protect from freezing, extreme heat, and exposure to direct sunlight. Keep tightly sealed.

ΔWARNING!

Dust generated from sanding product may cause eye, skin, nose, throat, or respiratory irritation. Avoid inhalation of dust and eye contact. If dusty, wear a NIOSH/MSHA-approved respirator. Prolonged and repeated exposure to respirable mica or talc may cause lung disease. Provide good general ventilation and local exhaust ventilation to avoid excessive amounts of dust. Wear eye protection. If eye contact occurs, flush thoroughly with water for 15 minutes. If irritation persists, call physician. Do not ingest. If ingested, call physician. Do not use if material has spoiled, i.e., there is a moldy appearance or an unpleasant odor. Close container and discard properly. Product safety information: 800.868.0291.

KEEP OUT OF REACH OF CHILDREN.