

HALLMAN/LINDSAY PAINTS
 FARM & RANCH ALKYD/OIL BARN PAINT BARN RED

1. Product and Company Identification

Product Name : FARM & RANCH ALKYD/OIL BARN PAINT
Product Code : 200"
Recommended Use: Not determined

Company Identification:

HALLMAN/LINDSAY PAINTS
 P.O. BOX 109
 SUN PRAIRIE, WI 53590

Information Phone: (608) 834-8844
 Emergency Phone: 1-800-633-8253

2. Hazards Identification

Hazard-determining component	Signal Word	Hazard Class/Catagory code
Calcium carbonate Dipropylene Glycol Monomethyl Ether		Petroleum Naphtha (Medium) DANGER Acute Tox.4 Asp.Tox 1 Carc.1B Eye Irrit.2 Eye Dam.1 Skin Irrit.2 STOT RE 1

Hazard Pictogram Description

GHS02-Flame GHS05-Corrosion GHS08-Health hazard GHS09-Environment

Hazard statements

H304 May be fatal if swallowed and enters airways H315 Causes skin irritation H318 Causes serious eye damage H319 Causes serious eye irritation H332 Harmful if inhaled H350 May cause cancer H372 Causes damage to organs through prolonged or repeated exposure

Precautionary statements

P260 Do not breathe dust, fume, gas, mist, vapors or spray. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/protective clothing/eye protection/face protection. P314 Get medical advice, attention if you feel unwell. P501 Dispose of contents container in accordance with local, regional, national and international regulations. P202 Do not handle until all safety precautions have been read and understood. P264 Wash thoroughly after handling. P281 Use personal protective gloves, protective clothing, eye protection and face protection. P301 + P310 (P) If swallowed: Immediately call a poison center, doctor if you feel unwell. P302 + P352 If on skin: Wash with plenty of soap and water P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/doctor/physician if you feel unwell. P331 Do NOT induce vomiting. P337 + P313 If eye irritation persists: Get medical advice/attention. P363 Take off contaminated clothing and wash before reuse. P332 + P313 If skin irritation occurs: Get medical advice/attention.

Potential Health Effects

Eye: Not determined
 Ingestion:
 Inhalation:

Chronic (Cancer) Information:

For complete discussion of toxicology data refer to section 11.

Teratology (Birth Defects) Information:

Not determined

Reproduction Information:

Not determined

Aggravation of Pre-Existing Conditions:

Not determined

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3. Composition/Information on Ingredients	Component	CAS#	% by Wt.
Calcium Carbonate / Limestone		1317-65-3	30%-35%
OSHA PEL: 15MG/M3, ACGIH TLV: 10MM/M3, STEL TLV: N/A			
Synthetic iron oxide		1309-37-1	05%-10%
ACGIH TWA 10 mg/m3			
OSHA PEL 10 mg/m3			
Petroleum Naphta (Medium)		64742-88-7	05%-10%
OSHA Z1 PEL: 500 PPM, ACGIH TWA: 100 PPM			
OSHA Z1A TWA: 100 PPM			
TALC		14807-96-6	05%-10%
OSHA PEL: 2MG/M3			
ACGIH TLV: 2MG/M3			
Petroleum Distillates Light		64742-47-8	05%-10%
ZINC OXIDE		1314-13-2	0%-05%
OSHA PEL TWA: 15 mg/m ³ 8 hour(s). Form: Total dust			
NIOSH REL TWA: 5 mg/m ³ 10 hour(s). Form: Dust and fumes			
STEL: 10 mg/m ³ 15 minute(s). Form: Fume			
DIPROPYLENE GLYCOL MONOMETHYL ETHER		34590-94-8	0%-05%
OSHA PEL AND ACGIH TLV:100 PPM TWA			
STEL:150 PPM			
LIGHT AROMATIC SOLVENT NAPHTHA (PETROLEUM)		64742-95-6	0%-05%
ALIPHATIC HYDROCARBON		64742-47-8	0%-05%
TETRACHLOROISOPHTHALONITRILE		1897-45-6	0%-05%
XYLENE		1330-20-7	0%-05%
OSHA PEL: 100ppm,ACGIH TLV: 100ppm			
STEL TLV: 150ppm			
Crystalline Silica, quartz (impurity)		14808-60-7	0%-05%
OSHA PEL= 0.1 mg/M3			
ACGIH TLV-TWA=0.1mg/M3			
ETHYLBENZENE		100-41-4	0%-05%
OSHA TWA: 100ppm			

4. First Aid Measures

Eyes:

Not determined

Skin:

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Immediately wash skin with soap and plenty of water. Get medical attention if irritation develops or persists.

Ingestion:

Not determined

Inhalation:

Not determined

Note to Physicians:

Not determined

5. Fire Fighting Measures

Flammable Properties:

Flash Point: 152 F

Method: PMCC

Explosive Limits:

Lower explosive limit: 1

Upper explosive limit: 7

Autoignition Temperature:

Not determined

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Hazardous Combustion Products:

Not determined

Extinguishing Media:**Firefighting Procedures:****6. Accidental Release Measures**

Small Spill:**Large Spill:**

Not determined Environmental Precautions:

Not determined

Methods/Materials for Containment and Cleaning Up:

Not determined

7. Handling and Storage

Handling:**Storage:**

Not determined

8. Exposure Controls/Personal Protection

Airborne Exposure Limits:

Use only with adequate ventilation. Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits. When spraying controlling exposure requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

Engineering Controls:

Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Personal Protective Equipment**Respiratory Protection:****Skin Protection:****Eye Protection:**

Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation.

9. Physical and Chemical Properties

Boiling Point:

Not determined

Freezing Point:

Not determined

Flash Point:

152 deg F

Vapor Pressure:

Not determined

Vapor Density:**Solubility in Water:**

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Evaporation Rate:**Exposure:**

Upper Exposure Limit: No Data
Lower Exposure Limit: No Data
Specific Gravity: 1.38

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)**Material VOC (Includes Water and Exempt Solvent) Emitted VOC**

285 g/l 2.38 lb/gl

Coating VOC (Minus Water and Exempt Solvent)

285 g/l 2.38 lb/gl

Odor:

Characteristic hydrocarbon solvent odor.

Odor Threshold:

Not determined

Appearance:

Not determined

Viscosity: Not determined**Autoignition Temperature:****Decomposition Temperature:****10. Stability and Reactivity**

Chemical Stability (Conditions to Avoid):

Not determined

Incompatibility:**Hazardous Decomposition Products:**

Thermal decomposition may produce carbon monoxide, carbon dioxide, oxides of nitrogen and unidentifiable organic materials.

Hazardous Polymerization:**11. Toxicological Information**

Not determined

Eye:

Eye Irritation: Data available. May cause mild, short-lasting discomfort to eyes.

Skin:

Acute Dermal Toxicity: Expected to be of low toxicity: LD50 >2000 mg/kg, Rat. May cause moderate irritation to skin. Prolonged/repeated contact may cause defatting of the skin which can lead to dermatitis.

Ingestion:

Acute Oral Toxicity: Expected to be of low toxicity: LD50 >2000 mg/kg, Rat. Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Inhalation:

End-users of these products are unlikely to be exposed to airborne particulates, which are bound within the "wetted mixture". Although in the event of the dry film being disturbed by sanding or other means the potential for exposure can increase. Acute Inhalation Toxicity: Low toxicity: LC50 greater than near-saturated vapour concentration./1 hours, Rat. Repeated Dose Toxicity Cardiovascular system: chronic abuse of similar materials has been associated with irregular heart rhythms and cardiac arrest. Central nervous system: repeated exposure affects the nervous system.

Subchronic:

Not determined

Chronic/Carcinogenicity:

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Crystalline Silica (Quartz, Cristobalite) is listed by IARC and NTP. Long term exposure to high levels of silica dust, which can occur only when sanding or abrading the dry film, may cause lung damage (silicosis) and possibly cancer.

IARC: Not determined

NTP: Not determined

OSHA: Not determined

Teratology: Not determined

Reproduction: No Data

Mutagenicity: Not determined

Acute Toxicity: Eye Contact: May cause: Moderate irritation. Skin: May cause: Moderate irritation. Prolonged or repeated exposure can cause skin sensitization. Inhalation: of vapor or mist can cause headache, nausea, and irritation of the nose, throat and lungs. Ingestion: May cause: Nausea. May be harmful if swallowed.

STOT-single exposure: Not determined

STOT-repeated exposure: Not determined

Routes of Exposure: Not determined

12. Ecological Information

Not determined

13. Disposal Considerations

Waste Disposal Method:

14. Transport Information

UN Number:

1263

UN Shipping Name:

Not determined

Transport Hazard Class:

3

Packing Group:

III

15. Regulatory Information

OSHA:

Not determined

Section 313:

16. Other Information

Prepared By: Not determined

Approved By:

Manufacturer Disclaimer:

Not determined