

Material Safety Data Sheet

Revision Issued: 1/12/2009 Supercedes: 9/08/1998 First Issued: 7/06/1988

Section I - Chemical Product And Company Identification

Product Name: Hillbest 25

CAS Number: 1302-78-9

HBCC MSDS No. CH03500



HILL BROTHERS *Chemical Co.*

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Section II - Composition/Information On Ingredients

Chemical Name	CAS Number	Exposure Limits (TWAs) in Air		
		ACGIH TLV	OSHA PEL	STEL
Smectite Clay	1303-78-9	N/A	N/A	N/A
Sodium salt Tall Oil Rosin	65997-01-5	N/A	N/A	N/A

Section III - Hazard Identification

Routes of Exposure: Inhalation

Summary of Acute Health Hazards

Ingestion: N/A

Inhalation: Respiratory ailments.

Skin: N/A

Eyes: N/A

Summary of Chronic Health Hazards: N/A

Signs and Symptoms of Exposure: N/A

Effects of Overexposure: Nuisance dust, avoid chronic inhalation.

Medical Conditions Generally Aggravated by Exposure: Respiratory ailments.

Note to Physicians: N/A

Section IV - First Aid Measures

Ingestion: N/A

Inhalation: No special procedures.

Skin: N/A

Eyes: N/A

Section V - Fire Fighting Measures

Flash Point: Non Combustible

Autoignition Temperature: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Unusual Fire and Explosion Hazards: N/A

Extinguishing Media: N/A

Special Firefighting Procedures: N/A

Section VI - Accidental Release Measures

Spilled powder may be shoveled or vacuumed. Wear respirator or dust mask to avoid inhalation of dust. Wet material may be very slippery.

Section VII - Handling and Storage

Avoid chronic inhalation of dust. Material may become very slippery when wet.

Section VIII - Exposure Controls/Personal Protection

Respiratory Protection: Dust mask or respirator.

Ventilation: Adequate ventilation required to avoid chronic inhalation of dust.

Protective Clothing: Protective gloves are recommended.

Eye Protection: Safety glasses or goggles.

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Avoid chronic inhalation of dust. Wash hands thoroughly with soap and water before eating, drinking, smoking or using toilet facilities. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible.

Section IX - Physical and Chemical Properties

Physical State: Solid

pH: N/A

Melting Point/Range: >1000°C

Boiling Point/Range: N/A

Appearance/Color/Odor: Beige powder, odorless

Solubility in Water: Negligible

Vapor Pressure(mmHg): N/A

Specific Gravity(Water=1): 2.2-2.4

Molecular Weight: N/A

Vapor Density(Air=1): N/A

% Volatiles: 15 @ 1000°C

How to detect this compound : Visual

Section X - Stability and Reactivity

Stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: Avoid chronic inhalation of dust. Wet material may become slippery.

Materials to Avoid: N/A

Hazardous Decomposition Products: None

Section XI - Toxicological Information

N/A

Section XII - Ecological Information

N/A

Section XIII - Disposal Considerations

Solid waste disposal. Not suitable for incineration, chemical, or biological degradation. Disposal must be done in accordance with Local, State, and Federal regulations.

Section XIV - Transport Information

DOT Proper Shipping Name: N/A

DOT Hazard Class/ I.D. No.: N/A

Section XV - Regulatory Information

WARNING

This product may contain crystalline silica, a chemical known to the State of California to cause cancer.

Reportable Quantity: N/A

NFPA Rating: Health - 1; Flammability - 0; Instability - 0
0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme

Carcinogenicity Lists: Yes **NTP:** No **IARC Monograph:** Yes **OSHA Regulated:** No

Section XVI - Other Information

Synonyms/Common Names: Smectite Clay

Chemical Family/Type: N/A

Sections Changed Since Last Revision: II, V, VIII, IX, XV

IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Hill Brothers Chemical Company** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.