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MSDS

MASSACHUSETTS WHITE EARTHENWARE CLAY

We do not have an MSDS on the clay itself. Enclosed herewith are the MSDS Sheets on the following Ingredients.

BENTONITE 325M C&C BALL CLAY TALC WHITING VICRON 2511



Black Hills Bentonite Co.

PRODUCT NAME
WESTERN BENTONITE 200M and 325M,

(BLACK HILLS BOND)

MATERIAL SAFETY AND TRANSPORTATION DATA SHEET

SECTION 1	PRODUCT II	DENTIFICATION	
MANUFACTURERS NAME	A fire to be a fine to the		TELEPHONE NO.
Black Hills Bentonite Co., a Limited Liabili	ty Company 📜		(307) 265-3740
ADDRESS		不是我们的一个现代的	
P.O. Box 9, Mills, WY 82644			
CHEMICAL NAME AND SYNONYMS	并有的数据		
Hydrous Silicate of Alumina / Wyoming So	dium Bentonite	CAS No. 1302-78-9	
· · · · · · · · · · · · · · · · · · ·			
SECTION 2	HAZÁRDOUS	INGREDIENTS	
MATERIAL OR COMPONENT	%	HAZARD DATA	
Free Crystalline Silica	2-6 Ch	ronic exposure over the TLV may re	sult in silicosis or
CAS. No. 14808-60-7	(Marie 1966 1966 1966 1966 1966 1966 1966 1966 1966 1966 1966 1966 1966 1966	er respiratory ailments	
一个 医心线翻译器 医氯化氯酸 等工场员			
SECTION 3	PHYSIC	AL DATA	
BOILING POINT (°F)		SPECIFIC GRAVITY (H2O =	1)
Not applicable		2.6	
VAPOR PRESSURE (mm Hg)	第 次的意义。	VAPOR DENSITY (AIR = 1)	
Not Applicable		Not Applicable	
EVAPORATION RATE		SOLUBILITY IN WATER	
Not Applicable		Negligible	· · · · · · · · · · · · · · · · · · ·
APPEARANCE AND ODOR Yellow, Blue, Brown granules or powder.		DENSITY @ 20° C:	
Earthy odor.		UNCOMPACTED: 47.5 lbs/c	ubic foot
	a seek and the		
HAZA	RDOUS MATERI	IALS IDENTIFICATION	
			DEGREE OF HAZARD
1 Health Hazard	Flammability		4 = EXTREME
0 Reactivity			3 = High. *
0 Reactivity			2 = Moderate
			1 = Slight
			0 = Insignificant

SECTION 4		
SECTION 4	FIRE AND EXPL	OSION DATA
FLASH POINT		FLAMMABLE LIMITS
Not Applicable		Non Flammable
		· 1887年 - 1888年 - 18884 - 1888年 - 18884 - 188
SECTION 5	HEALTH HAZA	ARD DATA
CARCINOGENICITY - SEE RC	OUTES OF EXPOSURE AND ER	FECTS (BELOW)
ACUTE ORAL LD ₅₀	ACUTE DERMAL LD ₅	0 AQUATIC TOXICITY (LC ₅₀) ND 10,000 mg/l
ROUTES OF EXPOSURE AND This product contains free cryst in humans. Prolonged inhalation	allino cilios ubials accesar	he IARC has exhibited limited evidence of carcinogenicity icosis, a noncancerous lung disease.
TLV for Respirable Dust —	10 mg/m³ % Respirable Quartz + 2	
TLV for "Total Dust"	30 mg/m ^a	
TEV for Total Dust	% Quartz + 3	
If anistable 201		
If cristobalite or tridymite is detec	ted, use one-half the value calc	ulated from formula for quartz.
SKIN		
	EYE	INHALATION
Potential irritant.	Potential irritant.	Irritation to lungs, nose, and throat.
EMERGENCY FIRST AID PROC	EDURES	
EYES: Flush with water.	SKIN: Wash with soap a	nd water
f inhaled and effects occur, move	to fresh air. If breathing is irre	gular, administer oxygen
SECTION 6	REACTIVITY DAT	TA CONTRACTOR OF THE PROPERTY
CONDITIONS CONTRIBUTING TO	O INSTABILITY	INCOMPATIBILITY
Stable		None
AZARDOUS DECOMPOSITION	PRODUCTS	HAZARDOUS POLYMERIZATION
lóne		Will not occur
ECTION 7	SPILL OR LEAK F	PROCEDURES
TEPS TO TAKE IF MATERIAL IS	RELEASED OR SPILLED	· 高麗·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯·斯
uncontaminated, sweep up or col	lect, and reuse product. Produc	t becomes slippery when wet.
ASTE DISPOSAL METHOD		
an be disposed of in approved lar	ndfill.	
EUTRALIZING CHEMICALS		· 1. 数据 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
ot Applicable		

SECTION 8 SPECIAL PROTECTION INFORMATION	
RESPIRATORY PROTECTION: And Manager and Advantage and Adva	
Use NIOSH approved mechanical filter respirator for nontoxic dusts if dust concentration exceeds 10mg/m	
VENTILATION CONTROL OF THE PROPERTY OF THE PRO	ř.
Sufficient to keep dust levels below the TLV for crystalline silica.	
PROTECTIVE GLOVES 1946 1941 1941 1941 1941 1941 1941 1941	
General duty work gloves.	
EYE PROTECTION	
f high dust conditions exist, tight fitting goggles are recommended.	
OTHER PROTECTIVE EQUIPMENT	
Eyewash ,	
ECTION 9	
RECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
tore out of the weather. Product becomes slippery when wet. Avoid contact water in walk areas.	ing salah di kacamatan di Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Bandaran Kabupatèn Banda
THER PRECAUTIONS	<u> </u>
ROPER SHIPPING NAME PLACARDS HAZARD CLASS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ot Regulated None Not Hazardous	
EPORTABLE QUANTITY HAZARDOUS SUBSTANCE ID NUMBER	
one	
ABEL AND	
one Required	
	<u></u> '
REPARED BY: BLACK HILLS BENTONITE CO.	EMBER, 1993
	, , , , , ,

R. T. VANDERBILT COMPANY, INC. Industrial Minerals and Chemicals MATERIAL 30 Winfield Street SAFETY Norwalk, CT 06855 DATA SHEET 203-853-1400 FAX 203-853-1452: Customer Infos Page 1 of 4 45910000123 ं उ०८०७ SHEFFIELD POTTERY INC. ROUTE 7 SHEFFIELD MA 01257 Date: 09/24/93 Revised: 09/07/93 Supersedes: I. FRODUCT IDENTIFICATION 600051 ade Name: NYTAL* 99, NYTAL 100, NYTAL 100 HR, NYTAL 200, NYTAL 300. Trade Name: NYTAL 300 H, NYTAL 400, CERAMITALOW 10 AC, CERAMITALC HOT, CERAMITALC NO. 1, CERAMITALC 10-A, IT X, IT 3X, IT 5X, IT FT, IT 325 Chemical Name: Hydrous calcium magnesium silicate mineral mixture Synonyms: Industrial tale, tremolitic tale Hazardous Ingredients/OSHA: Tate (hydrous magnesium silicate) (20-40%), CAS Reg. No. 14807-94-6 Quartz (none detected to less than 1.0%), CAS Reg. No. 14808-60-7 Note: This quartz range is "typical" and may change slightly with different lots and grades. Hazard: Inhalation Carcinogenic Ingredients/DSHAZNTP/IARC: See Section VII (Quartz) SARA Title III Section 313 Ingredients: None 137年16年17年 II. HOWARNING STATEMENTS CARREST TO

Do not breathe dust. Frotonged inhalation of excessive dust may cause lung injury.

FHYSICAL AND CHEMICAL DATA

Appearance and Odor: White powder Density, Mg/cu m: 2.85
Solubility in Union: Warner Solubility in Water: None Boiling Foint: N/A

Vapor Pressure: N/A Vapor Density: NVA Volatilest None Evaporation Rate:

(* - Registered in U.S. Patent and Trademark Office)

MSDS: NYTAL 99, NYTAL 100, NYTAL 100 HR, NYTAL 200, NYTAL 300, NYTAL 300, NYTAL 300, CERAMITALC 10-AC, CERAMITALC HUT, CERAMITALC NO. 1, CERAMITALC 10-A, IT X, IT 3X, IT 5X, IT FT, IT 325

IV. FIRE PROTECTION

Nonflammable

V. REACTIVITY DATA

Non-reactive

VI. OCCUPATIONAL EXPOSURE LIMITS

Talc (containing pp asbestos) -

OSHA FEL - 2 mg/cu m resp. dust 8 hr. TWA ACOIH TLV - 2 mg/cu m resp. dust 8 hr. TWA

Quartz - OSHA FEL - 0.1 mg/cu m resp. dust 8 hr. TWA ACGIH TLV - 0.1 mg/cu m resp. dust 8 hr. TWA

Farticulates Not Otherwise Regulated -

OSHA PEL - 15 ma/cu m total dust 8 hr. TWA

Numerous samples for alrhorne concentrations of free silica during our tale processing consistently reflect free silica levels in the <0.05 mg/cu m range (if detected at all).

VII. PHYSIOLOGICAL EFFECTS SUMMARY

Gaute_Effects

Eye Contact: Not a primary eye irritant. May cause mechanical irritation.

Skin Contact: Mechanical irritation possible but unlikely.

Not absorbed through skin. Possible granuloma
formation in open wounds (requires repeated,
massive applications).

Inhalation: Inhalation of high concentrations may cause mechanical irritation and discomfort. Repeated overexposure can cause chronic effects.

MSDS: NYTAL 99, NYTAL 100, NYTAL 100 HR, NYTAL 200, NYTAL 300, NYTAL 300, NYTAL 300, CERAMITALC 10 AC, CERAMITALC HDT, CERAMITALC NO. 1, CERAMITALC 10-A, IT X, IT 3X, IT 5X, IT 5X,

VII. FHYSIOLOGICAL EFFECTS SUMMARY (continued)

Ingestion: Unlikely to be toxic by ingestion.

Chronic Effects

Talc: Frotonged exposure to excessive airborne concentrations of talc can result in scarring of the lungs (pneumoconiosis) or of the covering of the lungs (pleural thickening). Pneumoconiosis may produce symptoms of cough or shortness of breath. Pleural thickening usually produces no symptoms. Conditions can be determined by chest radiographic examination and pulmonary function test (FEV and FVC). Bronchial irritation may cause sputum production.

Crystalline Silica: Overexposure to respirable crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis. Crystalline silica is listed by IARC as a Group 2A carcinogen based on limited evidence in humans and sufficient evidence in animals. Limited means a positive association has been observed, but chance, bias or confounding factors could not be ruled out. Other human health studies have demonstrated a negative association for cancer. Crystalline silica is also listed by the NTP as a substance reasonably anticipated to be a carcinogen. Considerable controversy exists concerning the IARC and NTF classification.

New York State tale has been tested as a whole in several animal studies with no carcinogenic association demonstrated. Epidemiologic studies in humans have been interpreted in conflicting ways with no clear evidence of an increased risk in lung tumors in association with exposure. Human, animal and in-vitro tests of basic product ingredients (tale and nonasbestiform tremolite) do not show a carcinogenic effect. All tremolite is of the nonasbestiform, common cleavage fragment variety.

Medical Conditions Generally Aggravated By Exposure:

Excessive exposure to any dust may aggravate pre-existing respiratory conditions.

VIII. FRECAUTIONS FOR SAFE HANDLING

Engineering Controls:

Closed system and/or local exhaust ventilation recommended. Use wet methods if appropriate to reduce generation of dust.

MSDS: NYTAL 99, NYTAL 100, NYTAL 100 HR, NYTAL 200, NYTAL 300, NYTAL 300, NYTAL 300, CERAMITALC 10 AC, CERAMITALC HUT, CERAMITALC NO. 1, CERAMITALC 10-A, IT X, IT 3X, IT 5X, IT FT, IT 325

VIII. FRECAUTIONS FOR SAFE HANDLING (continued)

Handling Procedures and Equipment:

*

Avoid generating dust. Use respiratory protection in the absence of adequate engineering controls. Keep containers closed when not in use. Clean up spills promptly (see SFILL PROCEDURE).

IX. FROTECTION AND CONTROL MEASURES

Eyes: Safety glasses should be adequate.

Skin: No special skin protection should be required. Wash skin after shift exposure.

Respiratory: Any NEOSH approved dust respirator.

X. EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with plenty of flowing water. Get medical attention if irritation persists.

Skin: Wash off with water.

Inhalation: Remove to fresh air.

Ingestion: Unlikely to cause untoward effects.

XI. SPILL AND DISPOSAL PROCEDURES

Not a RCRA hazardous waste. Use vacuum to clean up spillage. If appropriate, use gentle water spray to wet down in order to minimize dust generation. Dispose of according to state or local regulations.

For Additional Information Contact:

Environmental Affairs
R. T. VANDERBILT CO., INC.
30 Winfield Street
P.O. Box 5150
Norwalk, CT 06856
Tel. No.: (203) 853-1400

Specialty Minerals Inc. Subsidiary of Minerals Technologies Inc. 405 Lexington Avenue New York, NY 10174-1901 Product: LIMESTONE - ADAMS

MSDS No: SMI / SMI008 Revision: 03/01/94 Data: October, 1992

National Paint and Coatings Association

Hazardous Material Identification System

" HEALTH HAZARD	1 - Slight
FLAMMABILITY HAZARD	0 ~ Minimal
REACTIVITY HAZARD	0 - Minimal
PERSONAL PROTECTION	E - Glasses, Gloves, Dust Resp

SECTION I. MATERIAL IDENTIFICATION

Trade/Material Name: LIMESTONE - ADAMS

Description: Limestone, Calcium Carbonate

Other Designations: Vicron 15-15, Vicron 25-11, Vicron 25-12, Vicron 31-6, Vicron 31-8, Vicron 41-8, Vicron 325, Marblewhite 200, Marblewhite 325, Limestone Chips, ATF-10, ATF-20, ATF-40, AFG-10, AFG 10-40, AFG-25, Calcite Crystal, Eco-Cal 4, Eco-Cal 6, Eco-Cal 14, Eco-Cal 18, Eco-Cal 40, KFS Dust.

CAS: 1317-65-3

Chemical Name: CaCO,

Wilson's RISK Scale of Material Hazards (Scale: 1-4 higher numbers indicate increased hazard)

R 1 (Reactivity) I 2 (Inhalation) (Skin Contact)

K 0 (Kindling/Fire)

Specialty Minerals Inc. The Chrysler Building 405 Lexington Avenue

New York, NY 10174-1901

Phone: (413) 743-0591 Mon-Fri

7:30AM - 4:30PM (413) 743-0598 Weekends, Holidays and 4:30PM - 7:30AM

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name:	CAS Number:	Percent:	Exposure Limits:
Limestone	1317-65-3	>99%	ACGIH TLV: 10 mg/M3
			8 hr. TWA OSHA PEL: 15 mg/M ³ 8 hr. TWA Total Dust,
	•		5 mg/M ³ 8 hr. TWA Respirable
Silica - Quartz	14808-60-7	<1%	ACGIH TLV & OSHA PEL: 0.1 mg/M ³ 8 hr. TWA, Respirable

Toxicity Data: Rat, oral, LD_{so} : 6450 mg/kg.

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INGREDIENTS AND HAZARDS continued from page 1

Rabbit, skin: 500 mg administered for 24 hr produces moderate skin irritation. Rabbit, eye: 750 μg administered for 24 hr produces severe irritation.

SECTION III. PHYSICAL DATA

Appearance & Odor: White powder, no odor

Water solubility (%): Insoluble

Specific gravity (H20=1): 2.6-2.8

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point (method): Non-combustible Limits: LEL %: None UEL %: None reported reported

NFPA Fire Hazard Symbol Codes: Flammability: 0 Health: L. Reactivity: 0 Special: *

Extinguishing Media: Non-combustible. As appropriate for surrounding combustibles. Water spray may be used to wet down the material to help reduce airborne particulate levels.

Autoignition Temp:

None reported

Unusual fire or explosion hazards: None

Special fire-fighting procedures: Firefighters should use self-contained breathing equipment to protect against the products of combustion. Avoid excessive dust generation.

 \star The NFPA Guidebook does not list Limestone. These values were determined by Specialty Minerals Inc.

SECTION V. REACTIVITY DATA

Material is stable Hazardous polymerization will not occur

Chemical incompatibilities: Reacts with acid to liberate carbon dioxide qas.

Conditions to avoid: Avoid excessive dust generation and contact with acids and other incompatibles.

Marardous decomposition Products: Thermal oxidative decomposition of dolomitic limestone can produce dolomitic quicklime.

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SECTION VI. HEALTH HAZARD INFORMATION

Summary of risks: Dust may cause mechanical irritation to eyes, skin and respiratory

Medical conditions which may be aggravated by contact: None reported

Target organs: Lungs

Primary entry route(s): Inhalation, eye and skin contact.

Acute effects: Abrasiveness may cause eye and skin irritation.

Chronic effect(s): Long term overexposure to silica causes silicosis, a form of pulmonary fibrosis. Continued exposure to silica can lead to cardiopulmonary impairment.

First aid:

Eye contact: Flush eyes with plenty of water for at least 15 minutes.

If irritation persists, seek medical attention.

Skin contact: Wash from skin with mild soap and water.

Inhalation: Remove from the exposure area.

Ingestion: Ingestion should not cause any significant health problems. If a large amount is ingested and if conscious, give large quantities of water to induce vomiting. Get medical attention.

Crystalline silica has been reviewed by IARC. IARC found limited evidence for carcinogenicity of crystalline silica in humans and sufficient evidence in experimental animals.

Canadian WHMIS Classification - Class D, Division 2, Subdivision A

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill / Leak procedures: Those involved in clean-up of spills should use respiratory protection for airborne dust. Vacuum or scoop up spilled material for recovery or disposal, avoiding dusting conditions and using good ventilation. Wetting the spill with a water spray may help to keep the airborne dust levels down.

CERCLA, 40 CFR 117, 302 - Notification of spills of this product is not required.

Waste management / Disposal: If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it does not have the characteristics of Subpart C, nor is it listed under Subpart D. State or local hazardous waste regulations may apply if they are different from the Federal regulations.

For transportation emergencies, call CHEMTREC, 24 hour information service, 1-800-424-9300.

TSCA Status: All ingredients in this product are either naturally occurring or are

Page 3 --- SPILL, LEAK AND DISPOSAL PROCEDURES continues on page 4 --- Page 3

Specialty Minerals Inc.
Subsidiary of Minerals Technologies Inc.
405 Lexington Avenue
New York, NY 10174-1901

Product: LIMESTONE - ADAMS

MSDS No: SMI / SMI008 Revision: 03/01/94 Date: October, 1992

SPILL, LEAK AND DISPOSAL PROCEDURES continued from page 3

included in EPA's Toxic Substance Control Act Inventory of Chemical substances.

SARA/Superfund Amendments and Reauthorization Act of 1986.
Section 302 - This product does not contain ingredients listed in Appendix A and B as an Extremely Hazardous Substance.
Sections 311 and 312 - This product does contain substances regulated under 29 CFR 1910.1200 (OSHA Hazard Communication).
Section 313 - This product does not contain toxic chemicals subject to the reporting requirements of 40 CFR 372.

Canadian DSL - All of the ingredients in this product are either naturally occurring substances as defined in the Canadian Environmental Protection Act and are therefore considered to be listed on the Domestic Substances List or are listed on the Domestic Substances List as published by Environment Canada on January 26, 1992.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Personal protective equipment:

Goggles: Safety glasses or dust-tight goggles.

Gloves: Leather or rubber gloves.

Respirator: If exposure limits are exceeded, a NIOSH approved dust respirator

should be used.

Workplace considerations:

Ventilation: Provide adequate exhaust ventilation to meet TLV requirements. An exhaust filter system may be required to avoid environmental

contamination.

Safety stations:

An eyewash station should be available to the area of use.

Other: Never eat, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

SECTION IX. SPECIAL PRECAUTIONS

Storage segregation: Avoid physical damage to containers. Store in a cool, dry, well-ventilated area away from acids.

Special handling / storage: None

Other precautions: Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

California Proposition 65 - There are extremely small, but detectable amounts of

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SPECIAL PRECAUTIONS continued from page 4

substances regulated under California's Safe Drinking Water and Toxic Enforcement Act (Proposition 65).

Arsenic - less than 1 ppm
Beryllium - less than 1 ppm
Cadmium - less than 2 ppm
Chromium (VI) - less than 0.1 ppm
Lead - less than 1 ppm
Mercury - less than 1 ppm
Mickel - less than 2 ppm
Crystalline Silica - less than 1%
These levels are "typical" quantities and may change slightly with different lots.
The term "less than" indicates that the substance was detected, but the amount was less than the quantifiable limit.

Heavy Metals Restrictions (CONEG Model Legislation)
There are no Cadmium, Hexavalent Chromium, Lead or Mercury additives. These products incidentally contain only trace amounts of these metals, far below the final 100 ppm combined level.

DOT Class: Not regulated as hazardous material by DOT.

Prepared/revised by: M. G. Larson (212) 878-1835

March 1, 1994

The data and recommendations presented herein are based upon a review of Specialty Minerals Inc. files, published MSDS's, and standard toxicological reference sources. Specialty Minerals Inc. makes no guarantee or warranty, either express or implied as to the accuracy or completeness of these data and recommendations.

SPINKS-CLAY-COMPANY, INC.

P.O. BOX 820 **PARIS, TN 38242** ph. (901) 642-5414 fax (901) 642-5493

MATERIAL SAFETY DATA SHEET

PRODUCIDENTIFICATION

PRODUCT; Ball Clay (-CAS# 1332-58-7) EMERGENCY TELEPHONE NUMBER: (901) 642-5414

TRADE NAME:

Various*

CHEMICAL NAME:

Hydrous Aluminum Silicate

CHEMICAL FAMILY:

Kaolinite

FORMULA:

· Al₂O₄-2Slo₂-2H₂O+impurities . DATE REVISED:

June, 1996

Crystallin Gilica (Quartz.) 14808-60-7 5-30%.
Respirable Particulate (clay dust)

0.1 mg/m³ (respirable)

0.1mg/m³ (respirable)

3.0 mg/m³

5.0 mg/m³

The exposure limits are based on a TWA for an eight (8) hour shift/ 40 hour week.

ROUTES OF ENTRY HEALTH EFFECTS

EYES:

Contact may cause irritation and temporary discomfort.

INHALATION:

Symptons of acute exposure include coughing, wheezing, difficult breathing, and upper respraitory track irritation. Prolonged and repeated exposure to concentrations in

excess of the TLV or PEL may contribute to delayed respiratory complications.

INGESTION:

No information available.

SKIN:

None expected, but constant contact may cause irritation.

CARCINOGENICITY INFORMATION:

OSHA REGULATED: No

NTP LISTED: Yes

JARC LISTED: Yes

WARNING! This product contains crystalline silica. IARC Monograph Volume 42, 1987 concludes that "there is limited evidence for the carcinogenicity of crystalline silica to humans". IARC classification - Group 2A.

The National Toxicology Program (NTP), in the Seventh Annual Report on Carcinogens, 1994, has included crystalline silica in its list of substances that are "reasonably anticipated to be carcinogens".

NIOSH has identified crystalline silica as a Potential Occupational Carcinogen using the OSHA classification outlined in 29 CFR 1990,103.

INHALATION:

Move away from exposure into fresh air conditions.

EYE CONTACT:

Flush with water immediately. Consulted physician if irritation persists.

IF SWALLOWED:

Consult a physician.

SKIN CONTACT:

Wash with mild soap and water.

^{*} The information contained in this MSDS is applicable to all of Spinks' non-slurry ball clay product line

E WEINERMANDER HAMBYROUND BE

APPEARANCE:

A solid of various shades of white, gray and black

ODOR:

Earthy odor

BOILING POINT: MELTING POINT: NA NA VAPOR PRESSURE: VAPOR DENSITY:

NA NA NΑ

SPECIFIC GRAVITY: SOLUBILITY IN WATER: 2.56 Insoluble

EVAPORATION RATE: PERCENT VOLATILITY: VISCOSITY:

NA NA

PH:

NA

FLASH POINT: Non-Flammable EXTINGUISHING MEDIA: NA FLAMMABLE LIMITS:

SPECIAL FIREFIGHTING PROCEDURES: None UNUSUAL FIRE AND EXPLOSION HAZARDS: None

THE STATE OF THE S

STABILITY:

Stable

INCOMPATIBILITIES:

Mone

HAZARDOUS DECOMPOSITION:

None

CONDITIONS TO AVOID:

None

Will not occur HAZARDOUS POLYMERIZATION:

SPILL AND LEAK RESPONSE:

Minimize dust generation during cleanup. Vacuum or scoop the material

into a container for reclamation or disposal.

WASTE DISPOSAL:

Raw (unused) material, as shipped, may be disposed of in a sanitary landfill; However spent material may be contaminated and may require special disposal

methods. Consult the proper regulatory authorities.

Ball clay is not listed as a hazardous waste as defined by 40 CFR, Part 261.

Avoid unnecessary product agitation to keep dust level to a minimum. Local exhaust ventilation is recommended for dust generating processes. Use NIOSH or MSHA approved respirators if dust concentrations exceed the TLV or PEL. Eye wash stations are recommended in areas where this product is used. Floors or surfaces covered with this product become extremely slippery when wet.

X SPECIAL REGULATORY INFORMATION

Ball Clay is subject to the reporting requirements of ERCRA (SARA Title III), as outlined in 40 CFR, Part

Ball Clay is included on the TSCA inventory as a naturally occuring chemical substance, 40 CFR, Part 710.4(b).

Ball Clay is not regulated by the DOT.

To the best of our knowledge the information contained herein is accurate. However there is no warranty of any kind expressed or implied, as to the completeness or accuracy thereof. Final determination of the suitability of this information for a particular use of this product is the sole responsibility of the user.