

MAY 24 2000



80-9184

WHITTAKER, CLARK & DANIELS, INC.

MINERALS, COLORS, CHEMICALS

MATERIAL SAFETY DATA SHEET

Product/Material ST 1937 Dimethicone Surface Treated Talc
Manufacturer/Distributor Whittaker, Clark & Daniels, Inc.
Address 1000 Coolidge Street
South Plainfield, NJ 07080
Emergency Telephone No. (908) 561-6100

Section I - Product Identification

Trade Name Hydrophobic Talc
Chemical Family Magnesium Silicate Hydrate,
Surface Modified
CAS Number 14807-96-6/63148-62-9
HMIS Health 1
Flammability 1
Reactivity 0

Section II - Hazardous IngredientsTalc (non-asbestiform)

Talc contains crystalline silica at levels greater than 0.1%, but less than 1.0%. These levels are "typical" and may change slightly with different lots. IARC has determined silica to be a Class 2A carcinogen, and NTP classified crystalline silica as a substance reasonably anticipated to be a carcinogen.

Section III - Physical Data

Boiling Point (°F) Not Applicable
Vapor Pressure (mmHg) Not Applicable
Vapor Density Not Applicable
Solubility in Water Insoluble
Specific Gravity 2.5 - 2.8
Percent Volatile by Weight 0
Evaporation Rate 0
Appearance and Odor White to off-white powder, odorless.

PLAINTIFF'S
EXHIBIT
WCD-236

Section IV - Fire and Explosion Hazard Data

Flash Point	> 212°F (100°C)
Flammable Limits	Not Determined
Extinguishing Media	Any
Special Fire Fighting Procedures	None
Unusual Fire and Explosion	None

Section V - Health Hazard Data

Threshold Limit Values (TWA - 8 hour period)	20mppcf (OSHA PEL) 2mg/M ³ , respirable dust (ACGIH)
Effects of Overexposure	Acute Health Effects - May cause irritation to upper respiratory tract. Abrasion may cause eye and skin irritation. Ingestion causes gastrointestinal irritation, nausea and diarrhea. Chronic Health Effects - Repeated exposure to high amounts of talc can cause talcosis, a pulmonary fibrosis, which may lead to severe and permanent damage to the lung, possibly resulting in disability or death.
Target Organ	Lungs, eyes and skin.
Primary Entry Routes	Inhalation, ingestion, eye and skin contact.
Carcinogenicity	Not listed with NTP, IARC, or OSHA as a known or suspected carcinogen.
Emergency and First Aid Procedures:	
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	If conscious, give large quantities of water to induce vomiting. Get medical attention.
Medical Conditions Aggravated by Exposure	Persons suffering from chronic respiratory diseases may be at increased risk.
Canadian WHMIS Classification	Class D, Division 2, Subdivision A.

Section VI - Reactivity Data

	Product is stable
Incompatibility	Strong oxidizing agents, strong acids.
Hazardous Decomposition Products	Silicone dioxide, carbon oxides, traces of incompletely burned carbon compounds.
	Hazardous polymerization will not occur.

Section VII - Spill or Leak Procedures

Steps to Take in Case Material is Released or Spilled	Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended. Do not flush to sewer.
Waste Disposal Method	Disposal must be made in accordance with federal, state and local regulations. Be sure to contact appropriate government agencies if further disposal guidance is required. Of the disposal methods currently available, a method should be selected based upon environmental acceptability following the order of preference: 1. Recycle or rework if feasible. 2. Landfill at an approved facility.
Ecological Information	No harmful effects known other than those associated with suspended inert solids in water.

Section VIII - Special Protection Information

Eye Protection (Use most appropriate)	Safety glasses, goggles, face shield.
Skin Protection	Leather or rubber gloves.
Respiratory Protection	Use of a NIOSH approved dust respirator is recommended when exposure limits may be exceeded.
Ventilation	Local exhaust ventilation to collector or containment recommended to control dust to below exposure limits.

Section IX - Special Precautions

Handling and Storage:

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. Store in a dry area at ambient temperature.

Transportation:

This material is classified as "non-hazardous" according to U.S. and international shipping regulations.

Regulatory:

TSCA Status - All ingredients in this product are included in the EPA's TSCA inventory.

Canadian DSL - This material is considered to be a naturally occurring substance as defined in the Canadian Environmental Protection Act and is therefore considered to be listed on the Canadian DSL.

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

RCRA, 40 CFR 261 - Does not meet the criteria for a hazardous waste as defined by the act.

SARA:

Section 302 - This material does not contain ingredients classified as extremely hazardous substances.

Section 311 and 312 - This material does contain substances regulated under 29 CFR 1910.1200.

Section 313 - This material, does not contain toxic chemicals subject to the reporting requirements of 40 CFR 372.

Issued: 8/94



WHITTAKER, CLARK & DANIELS, INC.

A FMC COMPANY

MINERALS, COLORS, CHEMICALS

PRODUCT DATA SHEET FOR ST1937 dimethicone treated talc

Description: Dimethicone Treated Talc

Components: Talc	98.0%
Dimethylpolysiloxane	2.0%

CTFA Designation: Titanium Dioxide and Dimethicone.

Typical Specifications:

Volatiles	maximum 1.0%
Lead	less than 20 ppm
Arsenic	less than 3 ppm
Mercury	less than 1 ppm

Microbial Limits:

Combined count of less than 500 microorganisms per gram and the absence of gram negative bacteria.

The above information is believed to be true and accurate, but it is not to be construed as a warranty, and no liability can be assumed. No recommendation should be regarded as an authorization to use this material in infringement of any patents.

Issued: 12/99

ST1937 Dimethicone
Treated Talc

ST-1937
Dimethicone Treated
195 Talc
LC-12413



WHITTAKER, CLARK & DANIELS, INC.

A BREXHEG Company
MINERALS, COLORS, CHEMICALS

PRODUCT DATA SHEET FOR 195 TALC SUPERIORE M10 DEC

CAS Number: 14807-96-6

Description: SUPERIORE M10 DEC talc is a highly lamellar hydrated magnesium silicate from the Val Germanasca mine in Piedmont, Italy. This bacteria controlled talc complies with C.T.P.A. and C.T.F.A. specifications for cosmetic talc.

Chemical Properties:

Silicon Dioxide	SiO_2	60.3%
Magnesium Oxide	MgO	31.7%
Aluminum Oxide	Al_2O_3	1.0%
Ferric Oxide	Fe_2O_3	0.8%
Calcium Oxide	CaO	0.5%
Heavy Metals		Less Than 40 ppm
Arsenic		Less Than 1 ppm
Moisture		Less Than 0.2%
Loss on Ignition		5.7%
pH (10% Slurry)		9.1

Physical Properties:

Brightness, Minolta "Y"	94.5
Specific Gravity	2.8
Loose Bulk Density, g/ml	0.22
Tapped Bulk Density, g/ml	0.50
Surface Area (BET), sq.m./g	7.5
Hardness	1.0

Microbial Analysis:

Total aerobic Plate Count (including yeast and mold) less than 100 cfu/gram.
Gram Negative Plate Count not detected.

Mineralogy:

Talc	94%
Chlorite	3%
Carbonates	2%

Issued: 6/99

-FAX MESSAGE-



Whittaker, Clark & Daniels, Inc.
1000 Coolidge Street
South Plainfield, NJ 07080-1000
Tel: 800-732-0562 Fax: 800-833-8139

To: David Cohon From: Carol Edridge

Company: Estee Lauder R&D Subject: ST1937 Dimethicone Treated Talc

Fax #: 516-531-1338 Date: 5/3/00 # of Pages: 2

Dave,

I understand from Jennifer Bolitsky that there are a couple of answers you need to complete the coding for the above material. Hope this helps:

1. The origin of the talc is Italy, the dimethicone is USA. *← mineral - synthetic*
2. The dimethicone is synthetic, Silicon-based chemicals.
3. A PDS for the talc is enclosed. The type of dimethicone is considered proprietary.

If you have any further questions, please do not hesitate to call.

Best Regards,

•Minerals, Colors, Chemicals•

NO.135 P.1/2

MAY. 3. 2000 4:30PM WCD SO PLD