



WHITTAKER, CLARK & DANIELS, INC.

MINERALS, COLORS, CHEMICALS

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MATERIAL SAFETY DATA SHEET

PRODUCT/MATERIAL	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	TALC
SYNONYM	SOAPSTONE
CHEMICAL FAMILY	MAGNESIUM SILICATE HYDRATE
FORMULA	$3\text{MgO} \cdot 4\text{SiO}_2 \cdot \text{H}_2\text{O}$
CAS NUMBER	14807-96-6
HMIS	HEALTH 1
	FLAMMABILITY 0
	REACTIVITY 0



SECTION II - HAZARDOUS INGREDIENTS

TALC (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.

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.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	N/A FLAMMABLE
FLAMMABLE LIMITS	LE: NON-FLAMMABLE
	UEL: NON-FLAMMABLE
EXTINGUISHING MEDIA	WATER
SPECIAL FIRE FIGHTING PROCEDURES	N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS	NONE

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUES (TWA - 8 HOUR PERIOD)	2 mg/m ³ (OSHA PEL)
EFFECTS OF OVEREXPOSURE	1 mg/m ³ , RESPIRABLE DUST (ACGIH)
	ACUTE HEALTH EFFECTS - MAY CAUSE MECHANICAL IRRITATION TO EYES AND RESPIRATORY TRACT.
	CHRONIC HEALTH EFFECTS - REPEATED EXPOSURE TO HIGH AMOUNTS OF TALC CAN CAUSE SCARRING OF THE LUNGS. THIS TAKES YEARS TO DEVELOP AND CAN LEAD TO ABNORMAL CHEST



WHITTAKER, CLARK & DANIELS, INC.

MINERALS COLORS CHEMICALS

TARGET ORGAN

PRIMARY ENTRY ROUTES

CARCINOGENICITY

EMERGENCY AND FIRST-AID PROCEDURES:

EYE CONTACT

SKIN CONTACT

INHALATION

INGESTION

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

SECTION VI - REACTIVITY DATA

INCOMPATIBILITY

HAZARDOUS DECOMPOSITION PRODUCTS

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO TAKE IN CASE MATERIAL IS

RELEASED OR SPILLED

WASTE DISPOSAL METHOD

SECTION VIII - SPECIAL PROTECTION INFORMATION

EYE PROTECTION (USE MOST APPROPRIATE)

SKIN PROTECTION

RESPIRATORY PROTECTION

VENTILATION

SECTION IX - SPECIAL PRECAUTIONS

GOOD INDUSTRIAL HYGIENE PRACTICES REQUIRE THAT EMPLOYEE EXPOSURE BE MAINTAINED BELOW THE RECOMMENDED LEVEL. 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.

ISSUED: 4/91

SUPERCEDES: 6/89

X-RAY, SHORTNESS OF BREATH, COUGH, AND POSSIBLE DISABILITY OR DEATH.

LUNGS

INHALATION, INGESTION

NOT LISTED WITH NTP, IARC OR OSHA AS A KNOWN OR SUSPECTED CARCINOGEN.

FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

WASH FROM SKIN WITH MILD SOAP AND WATER.

REMOVE FROM THE EXPOSURE AREA.

IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO INDUCE VOMITING. GET MEDICAL ATTENTION.

PERSONS SUFFERING FROM CHRONIC RESPIRATORY DISEASES MAY BE AT INCREASED RISK.

PRODUCT IS STABLE

NONE

NONE

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

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.

DISPOSAL MUST BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SAFETY GLASSES, GOGGLES, FACE SHIELD.

LEATHER OR RUBBER GLOVES.

USE OF A NIOSH-APPROVED DUST RESPIRATOR IS RECOMMENDED WHEN EXPOSURE LIMITS MAY BE EXCEEDED.

LOCAL EXHAUST VENTILATION TO COLLECTOR OR CONTAINMENT RECOMMENDED TO CONTROL DUST TO BELOW EXPOSURE LIMITS.