

Material Safety Data Sheet

Rockmart Slate – Dust

Manufacture: Rockmart Slate Corporation
480 S. Marble St.
Rockmart, GA 30153

Manufacture's Emergency Contact #: 877-752-8331

Manufacture's Info Contact #: 770-684-6583

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SECTION 1 – MATERIAL IDENTIFICATION AND INFORMATION

Ingredients:	Formula	% (1)	OSHA PEL(2)	ACGIH TLV (2)
Slate Stone Dust (2)	(NOTE 1)	95-100	NOT LISTED (3)	NOT LISTED (3)
Crystalline Silica: Total	SiO ₂	< 5	30/(%SiO ₂ +2) (4)	0.3
Respirable			10/(SiO ₂ +2) (4)	0.1

Notes:

(1) Values approximate, material is derived from naturally occurring slate stone and may contain small amounts of Crystalline Silica.

(2) These are time weighted averages.

(3) Not listed specifically by substance name. Exposure to any dust may be covered by inert or nuisance dust limits of 15 mg/m³ for total dust and 5 mg/m³ for respirable portion.

(4) The percentage of Crystalline Silica in the formula is the amount determined from airborne samples.

SECTION 2 – PHYSICAL / CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: ANGULAR PARTICLES OF VARYING SHADES OF GRAY; NO ODOR

SIZE: LESS THAN ¼" TO DUST SIZE

BOILING POINT: N/A

MELTING POINT: N/A

VAPOR PRESSURE: MM HG 70 F : N/A

VAPOR DENSITY AIR 1: N/A

SPECIFIC GRAVITY: APPROX. 2.6 (H*10=1)

DECOMPOSITION TEMPERATURE: NK

EVAPORATION RATE AND REF: 0 (BUTYL ACETATE = 1)

SOLUBILITY IN WATER: NOT SOLUBLE TO NEGLIGIBLE

PERCENT VOLATILES BY VOLUME: N/A

VISCOSITY: N/A

PH: N/A

AUTOIGNITION TEMPERATURE: N/A

SECTION 3 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLASH POINT METHOD: N/A
LOWER EXPLOSIVE LIMIT: N/A
UPPER EXPLOSIVE LIMIT: N/A
EXTINGUISHING MEDIA: MEDIA SUITABLE FOR SURROUNDING (FP N)
SPECIAL FIRE FIGHTING PROC: NONE
UNUSUAL FIRE AND EXPL. HAZARDS: NONE KNOWN

SECTION 4 – REACTIVITY HAZARD DATA

STABILITY: STABLE
COND TO AVOID (STABILITY) NONE SPECIFIED BY MANUFACTURER
MATERIALS TO AVOID: NONE SPECIFIED BY MANUFACTURE
HAZARDOUS DECOMP. PRODUCTS: NONE SPECIFIED BY MANUFACTURE
HAZARDOUS POLY OCCUR: NO
CONDITIONS TO AVOID: NOT RELEVANT

SECTION 5 – HEALTH HAZARD DATA

LD50LC50 MIXTURE: NONE SPECIFIED BY MANUFACTURE
ROUTE OF ENTRY INHALATION: YES, IF DUSTY
ROUTE OF ENTRY SKIN: YES, IF DUSTY
HEALTH HAZ. ACUTE AND CHRONIC: DUST MAY IRRITATE EYES AND SKIN, EXPECTED TO BE NON-TOXIC, CHRONIC EXPOSURE TO RESPIRABLE ROCK DUST IN EXCESS OF TLV AND CAN CAUSE PNEUMOCONIOSIS. CHRONIC EXPOSURE TO QUARTZ IN EXCESS OF TLVS CAN CAUSE SILICOSIS
CARCINOGENICITY NTP: YES
CARCINOGENICITY IARC: YES
CARCINOGENICITY OSHA: NO
EXPLANATION CARCINOGENICITY: SILICA, CRYSTALLINE-QUARTZ: IARC MONOGRAPHS, SUPPLEMENT, VOL.7, PG. 341, 1987; GROUP 2ANTP 7TH ANNUAL REPORT
SIGNS SYMPTOMS OF OVEREXPOSURE: IRRITATION TO SKIN, EYES, CHRONIC COUGHING.
MED. COND. AGGRAVATED BY EXP.: DUST ON PREVIOUSLY AGGRAVATED SKIN MAY CAUSE IRRITATION.

SECTION 6 – CONTROL AND PROTECT MEASURES

RESPIRATORY PROTECTION: NIOSH / MSHA APPROVED DUST REPIRATOR
VENTILATION: LOCAL EXHAUST AND MECHANICAL (GENERAL) AS NEEDED WET SUPPRESSION.
PROTECTIVE GLOVES: IMPERVIOUS GLOVES
EYE PROTECTION: ANSI APPROVED CHEM. WORKERS GOGGLE
OTHER PROTECTIVE EQUIPMENT: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N), COVERALLS IF DESIRED TO LIMIT DUST ACCUM.

WORK HYGENIC PRACTICES: WASH EXPOSED SKIN WITH SOAP AND WATER. WASH WORK CLOTHES DAILY.

SUPPLY SAFETY HEALTH DATA: EXPLANATION OF CARCIN: CARCINOGENS, 1994: ANTICIPATED TO CARCINOGEN

SECTION 7 – PRECAUTIONS FOR SAFE HANDLING / LEAK PROCEDURES

STEPS IF MATERIAL IS SPILL: AVIOD CREATING EXCESS DUST, WET IF NECESSARY. WEAR APPROPRIATE RESPIRATION IF NECESSARY.

NEUTRALIZING AGENT: NONE SPECIFIED BY MANUFACTURER

WASTE DISPOSAL METHOD: CLEAN MATERIAL MAY REUSED, DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL STATE AND FEDERAL REGULATIONS.

SHOULD BE REDUCED BY ENGINEERING MEANS IF POSSIBLE.

PROPER RESPIRATORS SHOULD BE UTILIZED.

OTHER PRECAUTIONS: N/A

N/A: NOT APPLICABLE

N/K: NOT KNOWN

NOTE: Information herein is based on data considered to be accurate as of date prepared. No warranty or representation, express or implied, is made as to the accuracy of completeness of this data and safety information. No responsibility can be assumed by vendor for and damage or injury resulting from abnormal use, failure to adhere to recommended practices, or from any hazards inherent in the nature of the project.