

Nov 21 06 02:16p

Greg Markim Inc

4144531495

p. 14

11/01/2006 14:22

5175226228

USARTQUEST

PAGE 02

12882-1010

USARTQUEST

7800 And Arbor Road
 Grass Lake, MI 49240
 Phone: (517)522-6225
 Fax: (517)522-6228
 email: AQSUC@aol.com

Perfect fx - Flakes & Granules

153

MATERIAL SAFETY DATA SHEET

Effective Date: 12/01/95 Replaces: 11/15/93

I - IDENTIFICATION			
CHEMICAL NAME Color-Coated Mica		CHEMICAL FORMULA $KAl_2(AlSi_3O_{10})(OH)_2$ (primary mineral)	
TRADE NAME Mica-Lyte and Oexorflake		MOLECULAR WEIGHT Not Applicable	
SYNONYMS Pigmented Mica		DOT IDENTIFICATION NO. Not Restricted	
II - PRODUCT AND COMPONENT DATA			
COMPONENT(S) CHEMICAL NAME Muscovite Mica-Composition varies naturally, typically contains quartz Proprietary "Trade Secret", binders and dyes		CAS REGISTRY NO. 12001-26-2 Proprietary	% (Approx) 95.0-99.0 1.0-5.0 ACCORD 11.1-11.4 See Section VI
III - PHYSICAL DATA			
APPEARANCE AND ODOR Clear to Black powder/flakes with negligible odor		SPECIFIC GRAVITY 2.60-2.80	
BOILING POINT Not Applicable		VAPOR DENSITY IN AIR (Air = 1) Not Applicable	
VAPOR PRESSURE Not Applicable		% VOLATILE, BY VOLUME Not Applicable	
EVAPORATION RATE 0		SOLUBILITY IN WATER Negligible	
IV - REACTIVITY DATA			
STABILITY Stable			
CONDITIONS TO AVOID Avoid Strong Acids and Heat >400°C			
INCOMPATIBILITY (Materials to avoid) Avoid strong oxidizing agents			
HAZARDOUS DECOMPOSITION PRODUCTS Respirable dust particles may be generated by handling, and may contain a small percentage of silica.			
HAZARDOUS POLYMERIZATION Not known to polymerize			

Nov 21 06 02:16P

Greg Markim Inc

4144531495

p. 15

.11/01/2006 14:22

5175226228

USARTQUEST

PAGE 03

V. FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT

Not Flammable

FLAMMABLE LIMITS IN AIR

Not Flammable

EXTINGUISHING AGENTS

Water, carbon dioxide, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS

None Known

VI. TOXICITY AND FIRST AID

EXPOSURE LIMITS

Inhalation: MICA - TLV = 3 mg / cubic meter (Respirable Dust)

(When exposure to this product and other chemicals is concurrent, the exposure limit must be defined in the workplace.) Unless specified otherwise, limits are expressed as milligrams of substance per cubic meter of air (mg/M), 8-hour (TWA). Brief exposures to much higher concentrations slightly higher than the recommended 8-hour Threshold Limit Value (TLV) should pose no acute problems.

As referenced in: OSHA PEL, Title 29, Part 1910.1000, Tables Z-1-A & Z-3
ACGIH - Threshold Limit Values & Biological Exposure Indices

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Inhaling respirable dust and/or crystalline silica may aggravate existing respiratory system disease(s) and/or dysfunctions. Exposure to dust may aggravate existing skin and/or eye conditions. Swallowing may cause nausea.

PRIMARY ROUTE(S) OF EXPOSURE:

X

Inhalation

X

Ingestion

Skin

ACUTE TOXICITY

Exposure to dust may irritate respiratory system, eyes, and skin.

Skin Contact:

Non Hazardous

Skin Absorption:

Non Hazardous

Eye Contact:

Nuisance Dust

Ingestion:

See Section Above.

FIRST AID

Dust in eyes: Flush eyes with running water. Contact a physician if irritation persists or later develops.

Dust on previously irritated skin: Wash with soap and water. Contact a physician if irritation is aggravated.

Dust inhalation: Remove to fresh air. Dust in throat and nasal passages should clear spontaneously.

Contact a physician if irritation persists or later develops.

CHRONIC TOXICITY

Mica is not listed on the NTP, IARC, or OSHA list of carcinogens. Quartz and/or crystalline silica, a component of this product, is listed by IARC, but not by NTP or OSHA. IARC has determined that there is sufficient evidence for carcinogenicity to experimental animals exposed to crystalline silica and limited evidence for carcinogenicity to humans. "Limited evidence" means that a causal relationship is possible, however, other explanations, such as chance, bias, or confounding factors, cannot adequately be excluded. NTP has proposed (1999) to list crystalline silica based on the IARC determination.

Chronic exposure to respirable quartz in excess of appropriate exposure limits may cause emphysema. Chronic tobacco smoking may further increase the risk of developing chronic lung problems.

Nov 21 06 02:16p

Greg Markim Inc

4144531495

p. 16

11/01/2006 14:22

5175276228

USARTQUEST

PAGE 04

VII. PERSONAL PROTECTION AND CONTROLS**RESPIRATORY PROTECTION**

NIOSH-MSHA approved dust respirators for conditions where dust levels exceed or are likely to exceed appropriate exposure limits. Respirator use must comply with applicable MSHA or OSHA standards, which include provisions for a user training program, respirator repair and cleaning, respirator fit testing, and other requirements.

VENTILATION

Local exhaust or general ventilation should be adequate to maintain exposures below the appropriate exposure limits.

SKIN PROTECTION

See HYGIENE section below.

EYE PROTECTION

Safety glasses with side shields should be worn as minimum protection. Dust goggles should be worn when excessively (visibly) dusty conditions are present or are anticipated.

HYGIENE

Wash dust-exposed skin with soap and water. Wash work clothes after each use. Sweep up spills and keep work area clean.

OTHER CONTROL MEASURES

Respirable dust levels should be monitored regularly when appropriate exposure limits are likely to be exceeded.

VIII. STORAGE AND HANDLING PRECAUTIONS

Respirable dust may be generated during processing, handling, and storage. The controls identified in Section VII of the MSDS should be applied as appropriate. Store or warehouse in a dry area.

IX. SPILL, LEAK AND DISPOSAL PRACTICES**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

Mica is not classified as a "toxic pollutant" or a "hazardous substance" under Sections 307 & 311 of the Clean Water Act. Accidental releases can be cleaned by sweeping, vacuuming, or flushing with water.

WASTE DISPOSAL METHOD

Dispose of in accordance with local, state, and federal regulations.

X. TRANSPORTATION**DOT HAZARD CLASSIFICATION:**

None

PLACARD REQUIRED:

None

LABEL REQUIRED:

O.S.H.A. / H.M.I.S. Label