

MATERIAL SAFETY DATA

The Euclid Chemical Company • Cleveland, Ohio 44110

FOR TRANSPORTATION & SAFETY EMERGENCIES CALL: 1-800-255-3924
INTERNATIONAL USERS CALL COLLECT: 1-813-248-0585

TRADE NAME
Surflex

CHEMICAL NAME
Silica Sand

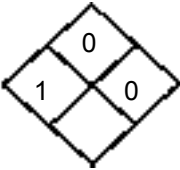
1. INGREDIENTS

MATERIAL	CAS #	%	ACGIH(TLV)	PEL
Crystalline Silica, (Quartz)	14808-60-7	65-70	0.1 mg/m ³ Respirable Dust	10 mg/m ³
Portland Cement	65997-15-1	30-35	10 mg/m ³ Total Dust	

2. PHYSICAL DATA

APPEARANCE gray or colored powder	ODOR None	MELTPOINT NA	SPECIFIC GRAVITY 2.70 - 2.90	
VAPOR DENSITY (AIR=1) NA	%VOLATILE BY WEIGHT None	VOC 0 g/l	BULK DENSITY NA	BOILING POINT NA
VAPOR PRESSURE NA	%SOLUBILITY(H ₂ O) None	EVAPORATION RATE	PH	

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT & METHOD NA	NFPA FIRE HAZARDS IDENTIFICATION SYSTEM 
FLAMMABLE LIMITS LEL NA UEL NA	
EXTINGUISHING MEDIA NA	
SPECIAL FIRE FIGHTING PROCEDURES NA	
UNUSUAL FIRE AND EXPLOSION HAZARDS NA	

4. PHYSIOLOGICAL EFFECTS

LD50 ORAL (INGESTION) NE	LD50 DERMAL (SKIN CONTACT) NE	LC50 (INHALATION) 30 mpp/cf (cement)
PRIMARY ROUTE OF EXPOSURE Eye, skin and inhalation	THRESHOLD LIMIT VALUE (TLV)	

EFFECTS OF OVEREXPOSURE

Inhalation: Chronic exposure may cause bronchitis and emphysema.
Eye: May cause burning and corneal edema.
Skin: May cause irritation, burns and tissue damage.
Ingestion: May cause caustic burns on the mouth, esophagus, stomach.

WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm.



THE EUCLID CHEMICAL COMPANY
19218 REDWOOD RD
CLEVELAND, OHIO 44110
1-800-321-7628 OR 216-531-9222

NE - NOT ESTABLISHED
NA - NOT APPLICABLE

5. EMERGENCY AND FIRST AID PROCEDURES

Inhalation: Move to fresh air. Monitor for respiratory distress. Give oxygen if necessary. Call a Physician or Poison Control Center if symptoms occur.

Eye: Irrigate eye for 15 minutes. If pain, irritation or burning persists, seek medical attention.

Skin: Wash area twice with soap and water. If irritation arises, seek medical attention.

Ingestion: Administer milk or water. DO NOT induce vomiting. DO NOT give anything orally to an unconscious person. Call a Physician or Poison Control Center immediately.

6. U.S. D.O.T. SHIPPING DESCRIPTION

Cement Compound, NOI, Building or Floor, Dry, Class 55

7. SPECIAL PROTECTION INFORMATION

VENTILATION

Used with adequate fresh air.

RESPIRATORY

Use a dust mask. If exposure limits listed in Section One are exceeded, use an air purifying respirator equipped with a NIOSH certified particulate (HEPA preferred) filter according to 29 CFR 1910.134.

EYE PROTECTION

Yes

PROTECTIVE GLOVES

Yes (rubberized)

OTHER

All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided.

8. CHEMICAL REACTIVITY

CONDITIONS CAUSING INSTABILITY

None

INCOMPATIBILITY (MATERIALS TO AVOID)

None

HAZARDOUS DECOMPOSITION PRODUCTS

None

SPECIAL SENSITIVITY

None

9. STORAGE INFORMATION

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Always store material on pallets in a dry location.

10. SPILL, LEAK, AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED

Sweep up and dispose of in standard landfill.

WASTE DISPOSAL METHOD

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

PREPARED BY

Rich Mikol

DATE

06/22/05

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Surflex

TELEPHONE NUMBER

216-531-9222

SUPERSEDES MSDS DATED

09/20/04

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.