

MATERIAL SAFETY DATA SHEET

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200

IDENTITY: Design-Crete Color Release (All colors)

N.F.P.A. & H.M.I.S. Rating

HAZARD INDEX

4 = Severe
3 = Serious
2 = Moderate
1 = Slight
0 = Minimal

HAZARD CLASS

Flammability
0
Health 0
Reactivity -
Special Note -

SECTION I - MANUFACTURER

NAME: SYMONS CORPORATION
200 E. Touhy Avenue
Des Plaines, IL
60018

Emergency Contact
800-424-9300

Information Contact
708-298-3200

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS:

..OSHA PEL..ACGIH TLV..OTHER LIMITS..PERCENT ..

Calcium Carbonate	..10 mg/m3..	10 mg/m3..	NA	.. 83-93
CAS#1317-65-3				
Iron Oxide	..10 mg/m3..	10 mg/m3..	NA	.. 5-15
Steric Acid	..10 mg/m3..	10 mg/m3..	NA	.. 2

None of the components of the mixture are considered Hazardous Material or carcinogens (1910.1200 Hazard Communication (d)(4)).

TRANSPORTATION INFORMATION:

DOT Classification: Not regulated

Labeling Requirements: None per 172.400(b) table

Marking Requirements: Proper shipping name and identification number

Placard Requirement: None required

Emergency Response Guide: Not applicable

National Motor Freight (NMF-100-0): Calcium Carbonate, N.O.I. Bags, Boxes, Barrels, Pails. Item 43770. Class LTL=50 TL=35.

SECTION III - PHYSICAL CHEMICAL CHARACTERISTICS

Boiling Point: NA	Specific Gravity (H ₂ O=1): NA
Vapor Pressure (mm Hg): NA	Melting Point: NA
Vapor Density (Air = 1): NA	Evaporation (Ether=1): NA
Solubility: Negligible	
Appearance: Dry powder, color varies	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag Closed Cup): NA
Flammable Limits: LEL: NA UEL: NA
Extinguishing Media: NA
Special Fire Fighting Procedures: NA
Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability: Reacts with acids
Conditions to Avoid: NA
Incompatibility (Materials to Avoid): Acids
Hazardous Decomposition (Byproducts): Carbon dioxide and carbon monoxide
Hazardous Polymerization: Will not occur

SECTION VI - HEALTH HAZARD DATA

Routes of Entry: Inhalation? No Skin? No Ingestion? No

HEALTH HAZARDS (ACUTE AND CHRONIC):

Skin Contact: Cause mild irritation.
Eye Contact: May cause irritation.
Inhalation: Repeated inhalation of respirable dust over long periods may cause injury to lungs.
Ingestion: May cause gastrointestinal irritation.

Carcinogenicity: NTP? NA IARC Monographs? NA OSHA Regulated? NA

SIGNS AND SYMPTOMS OF EXPOSURE: Repeated inhalation of respirable dust over long periods may cause injury to lungs.

EMERGENCY AND FIRST AID PROCEDURES:

Skin: Wash thoroughly with soap and water.
Eyes: Flush with water for 15 minutes. Call a physician.
Inhalation: Remove individual to fresh air. Call a physician.
Ingestion: Call a poison center or physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Avoid excessive dust conditions.
Waste Disposal Method: According to local, state and federal regulations.
Precautions to be Taken in Handling and Storing: Keep away from acids.
Other Precautions: Avoid prolonged skin contact. Avoid prolonged exposure to dust. Use only in well ventilated areas.

SECTION VIII - CONTROL MEASURES

Respiratory Protection: NIOSH approved respiratory protection for dusty conditions.
Ventilation: Local exhaust.
Protective Gloves: Neoprene or equivalent gloves.
Eye Protection: Goggles or face shield to protect against dust.
Other Protective Clothing or Equipment: None.
Work/Hygienic Practices: Wash thoroughly with soap and water before eating, smoking and using washroom. Remove contaminated clothing and wash before re-use.

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SYMONS CORPORATION

BY:

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DATE:

8/95