

BLASTER ABRASIVE, 550

MSDS Number

BSCHY

National Stock Number

5350-00N044755

Product Name

BLASTER ABRASIVE, 550

Manufacturer

SAFETY KLEEN CORP

Product Identification

Product ID:BLASTER ABRASIVE, 550

MSDS Date:12/01/1989

FSC:5350

NIIN:00N044755

MSDS Number: BSCHY

Responsible Party

SAFETY-KLEEN CORP

777 BIG TIMBER RD

ELGIN , IL 60123

US

Emergency Phone: 800-942-5969;800-424-9300(CHEMTREC)

Info Phone: 708-697-8460; 312-942-5969

Cage: 30530

Contractor

SAFETY-KLEEN CORP

COLUMBIA, SC 29201

US

1-803-933-4200

Cage: 30530

Ingredients

1); (ZIRCONIUM (IV)) (ZIRCON)

CAS: 14940-68-2

RTECS: ZH9000000

Fraction By Weight: 3%

OSHA PEL5 MG/M3; 10 STEL

ACGIH TLV: 5 MG/M3; 10 STEL

SILICA, CRYSTALLINE - QUARTZ; (CRYSTALLINE SILICA)

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: 5%

OSHA PEL0.1 MG/M3 RDUST

ACGIH TLV: 0.1 MG/M3 RDUST

Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:ACUTE: SKIN:IRRITATION DUE TO MECHANICAL ABRASION. EYES:IRRITATION DUE TO MECHANICAL ABRASION. INHALATION:IRRITATION DUE TO MECHANICAL ABRASION. INGESTION:IRRITATION DUE TO MECHANICAL ABRASION. CHRONIC: INHALATION:IF BROKEN DOWN INTO RESPIRABLE PARTICLES, DUST MAY BE HARMFUL TO RESPIRATORY SYSTEM. (EFFECTS OF OVEREXPOSURE)
Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ: IARC MONOGRAPHS, SUPPLEMENT. VOL 7, PG 341, 1987:GROUP 2A. NTP 6TH ANNUAL REPORT ON (SUPDAT)
Effects of Overexposure:HEALTH HAZARD:LONG-TERM EXPOSURE MAY CAUSE COUGHING, WHEEZING, REDUCED PULMONARY FUNCTION AND SILICOSIS. MAY INCREASE SUSCEPTIBILITY TO TUBERCULOSIS, LIVER AND KIDNEY DAMAGE. SMOKING CAN INCREASE RISK OF INJURY.
Medical Condition Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING LUNG DYSFUNCTION MAY HAVE INCREASED SUSCEPTIBILITY TO EFFECTS OF THE EXPOSURE. CONTACT WITH SKIN MAY AGGRAVATE PRE-EXISTING DERMATITIS.

First Aid

First Aid:INGEST: CALL MD IMMEDIATELY . INHAL: REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE OXYGEN/ARTIFICIAL RESPIRATION) . SKIN: FLUSH WITH COPIOUS AMOUNTS OF WATER. CALL MD . EYES:FLUSH WITH WATER FOR 20 MINUTES LIFTING UPPER AND LOWER LIDS OCCASIONALLY. CONSULT MD IF IRRITATION PERSISTS.

Fire Fighting

Extinguishing Media:MEDIA SUITABLE FOR SURROUNDING FIRE .
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard:NONE KNOWN.

Accidental Release

Spill Release Procedures:AVOID BREATHING DUSTS. SHOVEL INTO CLOSABLE CONTAINER FOR DISPOSAL. WEAR PROTECTIVE EQUIPMENT.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:DO NOT GET INTO EYES. AVOID BREATHING DUSTS. DO NOT SMOKE WHEN USING PRODUCT. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE AND DURING TRANSPORT.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESP PROT EQUIP WHEN CONCENTRATION OF DUST EXCEEDS APPLICABLE EXPOS LIMIT. SELECTION & USE OF RESP PROT EQUIP SHOULD BE IN ACCORDANCE WITH OSHA GEN INDUS STD 29CFR 1910.134-RESP PROT & 1910.94-ABRASIVE BLASTING.
Ventilation:PROVIDE LOCAL EXHAUST/GENERAL DILUTION VENT AS DETERMINED NECESSARY TO MAINTAIN CONC OF DUST BELOW APPLIC EXPOS LIMITS.
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS.
Other Protective Equipment:NONE REQUIRED.
Work Hygienic Practices:USE GOOD PERSONAL HYGIENE. WASH THOROUGHLY WITH SOAP & WATER AFTER HANDLING & BEFORE EATING, DRINKING OR USING TOBACCO PRODUCTS.
Supplemental Safety and Health
EXPLAN OF CARCIN:CARCINOGENS, 1991:ANTICIPATED TO BE CARCINOGEN.

Chemical Properties

HCC:N1
Spec Gravity:3.1-3.8(H*20=1)
Solubility in Water:INSOLUBLE
Appearance and Odor:POWDER-FREE FLOWING SAND, REDDISH-BROWN, ODORLESS

Stability

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS, OXIDIZERS AND BASES.

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: THERMAL DECOMPOSITION OF QUARTZ MAY RELEASE TOXIC AND/OR HAZARDOUS GASES.

Disposal

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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