

REACTIVITY DATA

Chemical Stability: STABLE

Incompatibility: HYDROFLUORIC ACID

Conditions of Reactivity: NOT APPLICABLE

Hazardous Decomposition Products: CO₂, NO_x, CARBON MONOXIDE

TOXICOLOGICAL PROPERTIES

Route of Entry:

Effects of Acute or Chronic Exposure:

SKIN CONTACT - NO ADVERSE EFFECTS ARE KNOWN AS A CONSEQUENCE OF APPLICATION TO UNBROKEN SKIN. GRANULOMAS HAVE BEEN REPORTED WHEN TALC WAS INTRODUCED INTO OPEN WOUNDS.

SKIN ABSORPTION - NOT KNOWN TO BE ABSORBED THROUGH THE SKIN.

EYE CONTACT - CAN CAUSE TEMPORARY DISCOMFORT AND IRRITATION IF IN EYE.

INHALATION - PRIMARY ROUTE OF ENTRY. SYMPTOMS OF ACUTE ACCIDENTAL EXPOSURE WOULD BE NON-SPECIFIC AND SIMILAR TO THE INHALATION OF ANY DUST-COUGHING, WHEEZING, DIFFICULT BREATHING OR UPPER RESPIRATORY TRACT IRRITATION. CHRONIC EXPOSURE MAY PRODUCE A RELATIVELY MILD PNEUMOCONIOSIS OVER 10-40 YEARS OF EXPOSURE CLOSE TO THE TWA. SMOKING AND CONCOMITANT DISEASE MIGHT IMPOSE AN ADDITIONAL PULMONARY BURDEN. INDIVIDUALS WITH PULMONARY DISEASE SHOULD NOT BE ASSIGNED TO A HEAVY TALK ENVIRONMENT. CRYSTALLINE SILICA IS LISTED BY IARC AS PROBABLY CARCINOGENIC TO HUMANS BY INHALATION WITH CHRONIC EXPOSURE ABOVE THE TLV.

INGESTION - NO ADVERSE EFFECTS EXPECTED

Exposure Limits: TLV RESPIRATORY DUST 2 mg/m³ BASED ON
8 HOUR SHIFT, 40 HOUR WEEK

Sensitization / Irritancy: NA

Synergistic Products: NA

Carcinogenicity: CRYSTALLINE SILICA (CS) IS LISTED AS PROBABLY CARCINOGENIC FOR HUMANS BY IARC, BY INHALATION

Teratogenicity / Mutagenicity / Reproductive Effects: NONE KNOWN

PREVENTIVE MEASURES:

Personal Protective Equipment:

RESPIRATORY - USE RESPIRATOR AS REQUIRED TO AVOID PROLONGED AND REPEATED EXPOSURE TO DUST

EYES - SAFETY GLASSES ARE THE MINIMUM EYE PROTECTION. GOGGLES SHOULD BE WORN IN AREAS OF HIGH CONCENTRATION

GLOVES - GENERALLY NOT REQUIRED EXCEPT FOR THOSE WITH DERMATITIS.

Engineering Controls:

VENTILATE TO MAINTAIN AIRBORNE CONCENTRATIONS BELOW TLV.

Leak or Spill Procedure:

IF CLEAN AND DRY, SWEEP UP AND USE. DO NOT USE WATER AS THIS WILL MAKE SURFACES EXTREMELY SLIPPERY. IF SPILL IS WET THEN FLUSH HEAVILY WITH WATER UNTIL NON-SLIPPERY.

PREVENTIVE MEASURES (continued)

Disposal:

PRODUCT CAN BE LANDFILLED. DO NOT REUSE PRODUCT CONTAINERS.

Handling Procedures and Equipment:

SURFACES SUBJECT TO SPILLS OR DUSTING CAN BECOME EXTREMELY SLIPPERY.
KEEP SURFACES CLEAN AND DRY.

Storage Requirements:

STORE IN ITS ORIGINAL CONTAINER IN A COOL, DRY LOCKED PLACE OUT OF THE REACH OF CHILDREN AND OUT OF DIRECT SUNLIGHT.

Shipping Information:

NOT REGULATED BY TDG

FIRST AID MEASURES:

SKIN - WASH WITH MILD SOAP AND WATER. IF IRRITATION OR REDNESS PERSISTS, SEEK MEDICAL ADVICE.

EYES - FLUSH WITH PLENTY OF WATER AT LOW PRESSURE FOR 15 MINUTES, OCCASIONALLY LIFTING EYELID. SEEK MEDICAL ATTENTION IF IRRITATION OR REDNESS DEVELOPS.

INHALATION - IF IRRITATION OF NOSE OR THROAT DEVELOPS, MOVE AWAY FROM THE SOURCE OF EXPOSURE AND INTO FRESH AIR. APPLY ARTIFICIAL RESPIRATION OR OXYGEN IF BREATHING HAS STOPPED OR IS DIFFICULT. SEEK MEDICAL ATTENTION.

INGESTION - IF EXCESSIVE AMOUNT INGESTED, SEEK MEDICAL ATTENTION.

ADDITIONAL INFORMATION:

PREPARATION INFORMATION

Department:

Phone Number:

Date:

TECHNICAL

(905) 793-7000

SEPTEMBER 2007

NA - Not Applicable

ND - Not Determined