

MSDS Safety Information

MSDS Date: 02/01/2003 Product ID: RADIOSITY 3000  
Name: RADIOSITY RADIANT BARRIERS  
Address: P.O. Box 201623 City: Austin, TX 78720-1623

Ingredients

Cas: 65997-17-3  
Name: SODA LIME BOROSILICATE GLASS % Wt: >98  
Cas: 122945-52-5  
Name: AMORPHOUS SILICA % Wt: <3

Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: INHALATION: IRRITATION OF UPPER RESPIRATORY TRACT,  
MOUTH/NOSE & THROAT. SKIN/EYES: MAY PRODUCE TEMPORARY MECHANICAL IRRITATION.  
INGESTION: TEMPORARY MECHANICAL IRRITATION OF THE DIGESTIVE TRACT.

Explanation Of Carcinogenicity: NONE

Signs And Symptoms Of Overexposure: LUNG DAMAGE INCLUDING COUGHING, DIFFICULTY BREATHING, WHEEZING,  
TIGHTNESS IN CHEST, CONGESTION AND COUGHING UP OF BLOOD. Ingestion: IRRITATION OF GI TISS INCLUDING  
PAIN, VOMITUS, ABDOMONAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS AND IN FECES.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER

First Aid:

EYES: FLUSH FOR 15 MINS W/COPIOUS AMOUNTS OF WATER.

SKIN: FLUSH FOR 15 MINS W/COPIOUS AMOUNTS OF WATER.

INGESTION: DRINK TWO GLASSES OF WATER. OBSERVE INDIVIDUAL.

INHALATION: MOVE TO FRESH AIR.

OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling and Disposal

Spill Release Procedures: FOR DUST GENERATED VACUUM UP AND CONTAINERIZE. AVOID SWEEPING/USING  
COMPRESSED AIR AS THESE TECHNIQUES MAY INTRODUCE DUST INTO THE AIR.

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions: AVOID UNNECESSARY EXPOSURES TO DUST. USE VACUUM EQUIPMENT TO REMOVE  
DUST FROM CLOTHING.

Other Precautions: KEEP THE WORK AREA CLEAN OF DUST GENERATED.

Fire and Explosion Hazard Information

NON-COMBUSTIBLE

Extinguishing Media: CHOOSE MATERIAL SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT AND FULL FIRE  
PROTECTIVE CLOTHING/GEAR WHEN THERE IS A SUSTAINED FIRE.

Control Measures

Respiratory Protection: SELECT A NIOSH APPRVD RESPS BASED ON AIRBORNE CONCENTRATION OF CONTAMINANTS  
AND I/A/W OSHA REGULATIONS.

Ventilation: GENERAL DILUTION/LOCAL EXHAUST SHOULD BE PROVIDED, AS NECESSARY,  
TO MAINTAIN EXPOSURES BELOW OSHA'S PEL.

Protective Gloves: IMPERVIOUS GLOVES REQUIRED.

Eye Protection: ANSI APPROVED SAFETY GLASSES, GOGGLES/FACE SHIELDS

Other Protective Equipment: LOOSE FITTING, LONG SLEEVED SHIRT THAT COVERS TO  
THE BASE OF THE NECK, LONG PANTS, COVERALLS AND APRON.

Work Hygienic Practices: REMOVE/LAUNDER WORK CLOTHES SEPARATELY.

Physical/Chemical Properties

Boiling Point: N/A

Melting/Freezing Point: N/C

Decomposition Point: N/C

Vapor Pressure: N/A

Vapor Density: N/A

Percent Volatile Organic Content: N/A

Specific Gravity: N/C

Volatile Organic Content: N/A

pH: BASIC

Viscosity: N/P

Evaporation Weight and Reference: N/A Solubility in Water: SLIGHT

Appearance and Odor: FINE POWDER (LESS THAN 10UM IN DIAMETER), WHITE, ODORLESS, SOLID

Percent Volatiles by Volume: N/A

Corrosion Rate: N/C