

CRYSTALTONE GLAZES 20000 SERIES

MSDS Number

BBMFN

National Stock Number

8010-00F003005

Product Name

CRYSTALTONE GLAZES 20000 SERIES

Manufacturer

DUNCAN ENTERPRISES

Product Identification

Product ID:CRYSTALTONE GLAZES 20000 SERIES

MSDS Date:01/01/1992

FSC:8010

NIIN:00F003005

MSDS Number: BBMFN

Responsible Party

DUNCAN ENTERPRISES

5673 E SHIELDS AVE

FRESNO , CA 93727-7819

US

Emergency Phone: 209-445-1222

Info Phone: 209-291-4444

Preparer: CURT SATHRE

Cage: 21546

Contractor

DUNCAN ENTERPRISES

FRESNO, CA 93727

US

209-291-4444

Cage: 21546

Ingredients

CADMIUM AND CADMIUM COMPOUNDS

Fraction By Weight:

OSHA PEL0.2 MG/CUM

ACGIH TLV: 0.05 MG/CUM

BARIUM COMPOUNDS

Fraction By Weight:

OSHA PEL0.5 MG/CUM

ACGIH TLV: 0.5 MG/CUM

ALKALI BOROSILICATE FRITS *93-1*

CAS: 65997-18-4

SILICA DIOXIDE, CRYSTALLINE QUARTZ, SAND (SUSPECTED HUMAN

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight:

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

LEAD COMPOUNDS

Fraction By Weight:

OSHA PEL0.05 MG/CUM

ACGIH TLV: 0.15 MG/CUM

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ABRASIVE, CAN SCRATCH EYES.

OVEREXPOSURE TO LEAD MAY CAUSE NERVOUS SYSTEM, KIDNEY, OR BONE MARROW DAMAGE OR HARM TO DEVELOPING FETUS.

Explanation of Carcinogenicity:SEE INGREDIENTS.

Effects of Overexposure:WEIGHT LOSS, STOMACH CRAMPS, LOSS OF COORDINATION, JOINT & MUSCLE PAINS.

First Aid

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Fire Fighting Procedures:NONE. WILL NOT BURN.

Accidental Release

Spill Release Procedures:CLEAN UP PROPERLY W/PAPER TOWELS & A WET SPONGE.

Handling

Handling and Storage Precautions:WHEN USING, DON'T EAT, DRINK, OR SMOKE. KEEP SEALED. KEEP OUT OF REACH OF CHILDREN.

Other Precautions:AVOID USING IF PREGNANT OR CONTEMPLATING PREGNANCY.

IF GLAZE SPRAYING IS MAJOR PORTION OF WORK, REGULAR BLOOD LEAD LEVEL TESTING BY YOUR DOCTOR IS ADVISABLE.

Exposure Controls

Respiratory Protection:USE A NIOSH APPROVED DUST & MIST RESPIRATOR FOR LEAD SUCH AS 3M 8710 OR EQUIVALENT.

Ventilation:LOCAL EXHAUST: RECOMMENDED. MECHANICAL (GENERAL): RECOMMENDED WHEN SPRAYING.

Eye Protection:REQUIRED.

Other Protective Equipment:PROTECTIVE CLOTHING, SPRAY BOOTH IF IN THE GLAZE FORM & APPLYING BY SPRAY.

Work Hygienic Practices:WASH IMMEDIATELY AFTER HANDLING. CLEAN SPRAY BOOTH FILTERS OFTEN.

Supplemental Safety and Health

FRITS ARE PRODUCED FROM THE CHEMICAL REACTIONS WHICH OCCUR DURING THE HIGH TEMPERATURE SMELTING OF VARIOUS RAW MATERIALS TO FORM A MOLTEN GLASS. THIS GLASS IS RAPIDLY COOLED & THEN GROUND TO PRODUCE POWDERED FRIT. EXPOSURE TO LEAD IS POSSIBLE IF IT DISSOLVES OUT OF THE GLASS (OCCURS VERY SLOWLY).

Chemical Properties

Boiling Pt:B.P. Text:212F
Melt/Freeze Pt:M.P/F.P Text:1800F
Spec Gravity:1.7
Solubility in Water:INSOLUBLE
Appearance and Odor:COLORED LIQUID, ODORLESS.

Stability

Stability Indicator/Materials to Avoid:YES

Disposal

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

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