

25371

MATERIAL SAFETY DATA SHEET

UNITED STATES GYPSUM COMPANY

101 South Wacker Drive/Chicago, Illinois 60606

EMERGENCY PHONE

DAY: 312/321-4383

NIGHT: 312/321-4000

SECTION I

PRODUCT NO: 20054

PRODUCT: USG No. 1 Pottery Plaster, Southard

DATE ISSUED: August 9, 1984

CHEMICAL FAMILY: Calcium Sulfate Hemihydrate

SECTION II HAZARDOUS INGREDIENTS

MATERIAL: %

TLV:

None

SECTION III PHYSICAL DATA

SOLUBILITY IN WATER: 0.2 %

SPECIFIC GRAVITY (H₂O = 1): 2.68

APPEARANCE AND ODOR: White odorless powder

HARDENING TIME: 27-37 minutes

FINENESS: 98.5 minus 100 mesh

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): None

EXTINGUISHING MEDIA: Not combustible

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

SKIN: May develop sufficient heat to cause burns if a large mass, such as a cast of a hand or arm, is kept in contact with the skin while hardening. May dry skin.

EYES: particles may cause irritation.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water to remove particles. If irritation continues, see physician.

SKIN: Wash with water.

INGESTION: Plaster hardens when wetted, and if ingested may result in obstruction. Hardening time 27-37 min. Call physician.

INHALATION: Remove to fresh air.

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SECTION VI
REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII
SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Sweep up. Avoid creating excessive dust. Slurry may plug drains.
WASTE DISPOSAL METHOD: Normal disposal as for any dry inert powder, such as a sanitary landfill.

SECTION VIII
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved respirator for nuisance dust if above TLV.
VENTILATION: Local exhaust if above TLV.
PROTECTIVE EQUIPMENT: Dust goggles or safety glasses.

SECTION IX
SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Dew point conditions, or other conditions causing the presence of liquid water will harden plaster during storage.

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