

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: 20060

PRODUCT: HYDROCAL White Gypsum Cement, Southard

DATE ISSUED: August 9, 1984

CHEMICAL FAMILY: Calcium Sulfate Hemihydrate

SECTION II HAZARDOUS INGREDIENTS

000940

MATERIAL: % TLV:

None

SECTION III PHYSICAL DATA

SOLUBILITY IN WATER: 0.2%

SPECIFIC GRAVITY (H₂O = 1): 2.7

HARDENING TIME: 20-30 minutes

APPEARANCE AND ODOR: White odorless powder

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Not combustible

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 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. See Section III for Hardening Time. See physician.

INHALATION: Remove to fresh air.

No. 04066

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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.

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 presence of liquid water will
harden plaster during storage.

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