

PERMACAST[®] MS-10,000

MATERIAL SAFETY DATA SHEET

ACTION PRODUCTS MARKETING CORP.
P. O. BOX 555
JOHNSTON, IA 50131
EMERGENCY CONTACT: WILLIAM E. SHOOK
TELEPHONE: 515-276-9610 (24 HOURS)

ISSUED: 1/5/95
REVISED: 10/20/97
PAGE 1 of 2

A. Chemical Composition:

- Portland cement
- Silica fume
- Alkali resistant polypropylene fibers
- Vinyl acetate polymers
- Free silica

B. Physical Data:

- Powder mixture, light gray in color, odorless
- Bulk density with water 0.4 lbs/cf

C. Fire & Explosion Data:

- Non-combustible

D. Reactivity:

- Stable

E. Health Effects Data:

Product is essentially non-toxic. Use of good industrial hygiene practice is recommended. Do not ingest. Prolonged exposure to dust may cause delayed lung disease (Silicosis). Avoid contact with eyes. May irritate skin with prolonged direct contact.

F. Personal Protective Equipment:

- Respiratory Protection: Respiratory Protection is not generally required. An approved dust mask (NIOSH Type TC-21C-XXX) may be used to prevent respiratory irritation if necessary.
 - Skin Protection: Impervious rubber gloves are recommended to prevent prolonged or repeated contact.
 - Eye Protection: Goggles are recommended if airborne dust is created.
 - Other Protective Clothing or Equipment: Normal work clothes, to prevent skin contact.
-

PERMACAST® MS-10,000

MATERIAL SAFETY DATA SHEET

PAGE 2 of 2

G. Spill & Leak Procedures:

Normal precautions for "nuisance dust" should be observed. Waste disposal should be in accordance with existing federal, state and local environmental regulations.

H. Handling & Storage Precautions:

Store in a cool, dry area. Excessive moisture or pressures from stacking may cause some consolidation of powder in areas with temperatures exceeding 90 degrees Fahrenheit.

I. Shipping Information:

DOT non-hazardous. Shipped in 50 or 75 pound plastic lined paper bags.