1971 DISCONTINUED PRODUCT

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

## SECTION I

| MANUFACTURER'S NAME | EMERGENCY TELEPHONE NO. |
|---|---|
| Johns-Manville Corp. & Subsidiaries | 303/978-3118 |

ADDRESS (Number, Street, City, State, and ZIP Code)
Ken-Caryl Ranch, Denver, Colorado 80217

| CHEMICAL NAME AND SYNONYMS | TRADE NAME AND SYNONYMS |
|---|---|
| Insulating Cement | 500 Cement |
| CHEMICAL FAMILY | FORMULA |
| | |

## SECTION II - HAZARDOUS INGREDIENTS

| PAINTS, PRESERVATIVES, & SOLVENTS | % | TLV (Units) | ALLOYS AND METALLIC COATINGS | % | TLV (Units) |
|---|---|---|---|---|---|
| PIGMENTS | | | BASE METAL | | |
| CATALYST | | | ALLOYS | | |
| VEHICLE | | | METALLIC COATINGS | | |
| SOLVENTS | | | FILLER METAL PLUS COATING OR CORE FLUX | | |
| ADDITIVES | | | OTHERS | | |
| OTHERS | | | | | |

| HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES | % | TLV (Units) |
|---|---|---|
| Asbestos Fiber | 20 | * |
| Clay | 17 | |
| Expanded Vermiculite | 63 | 50 mppcf |
| *See attached sheet (29 CFR 1910.1001) | | |

## SECTION III - PHYSICAL DATA

| | | | |
|---|---|---|---|
| BOILING POINT (°F.) | | SPECIFIC GRAVITY ($H_2O$=1) | |
| VAPOR PRESSURE (mm Hg.) | | PERCENT, VOLATILE BY VOLUME (%) | |
| VAPOR DENSITY (AIR=1) | | EVAPORATION RATE (_____ =1) | |
| SOLUBILITY IN WATER | Slight | | |
| APPEARANCE AND ODOR | Light gray powder - no odor | | |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| FLASH POINT (Method used) | FLAMMABLE LIMITS | Lel | Uel |
|---|---|---|---|
| | | | |

EXTINGUISHING MEDIA: Non-flammable

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS



(Continued on reverse side)

Form OSHA-20
Rev. May 72

*Johns-Manville Material Safety Data Sheet for 500 Cement*
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## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE
See Section II

EFFECTS OF OVEREXPOSURE
Overexposure to excessive quantities of airborne dust may cause pulmonary disease.

EMERGENCY AND FIRST AID PROCEDURES

## SECTION VI - REACTIVITY DATA

| | | | |
|---|---|---|---|
| STABILITY | UNSTABLE | | CONDITIONS TO AVOID |
| | STABLE | X | |

INCOMPATABILITY *(Materials to avoid)*
None in designed use

HAZARDOUS DECOMPOSITION PRODUCTS
NA

| | | | |
|---|---|---|---|
| HAZARDOUS POLYMERIZATION | MAY OCCUR | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR | X | |

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Vacuum sweep or damp sweep

WASTE DISPOSAL METHOD
Comply with 40 CFR Chapter 1, Part 61

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION *(Specify type)*
NIOSH approved for protection against pneumoconiosis-producing dusts

| | | |
|---|---|---|
| VENTILATION | LOCAL EXHAUST<br>Recommended at mixing station | SPECIAL |
| | MECHANICAL *(General)* | OTHER |

| | |
|---|---|
| PROTECTIVE GLOVES | EYE PROTECTION |

OTHER PROTECTIVE EQUIPMENT

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS

While the information and recommendations set forth herein are believed to be accurate as of the date hereof, JOHNS-MANVILLE CORPORATION MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.


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