

MATERIAL SAFETY DATA SHEET

Product name: NON-SLIP PIPE POWDER

Product code: 72502NS060

Product date: OCT 24 2001

Print date: 08/27/02

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Section 1 - Product and Company Identification

Product Name: NON-SLIP PIPE POWDER

Company Identification: DuPont Powder Coatings
9800 Genard Rd
Houston, TX 77041-7624

Telephone/Fax: 713.939.4000 / 713.939.4025
Chemtrec International (24hr): 703.527.3887 Collect
Chemtrec USA (24hr): 800.424.9300

Product Class: COATING POWDER
Product Number: 72502NS

Section 2 - Ingredient Information

| Ingredient Name | CAS Number | Percent |
|-------------------------|-------------|---------|
| SILICA, AMORPHOUS FUMED | 007631-86-9 | 1 - 5 |
| IRON OXIDE | 001309-37-1 | 1 - 5 |
| NUISANCE DUST | N/A | 100 |

Section 3 - Hazards Identification

These acute and chronic health effect statements address exposure to the pure chemicals only. In a coating powder these components are mixed within the coating and direct exposure to them is not likely.

ACUTE HEALTH EFFECTS:

(IRON OXIDE)

Inhalation of excessive dust levels may produce nonspecific irritation the respiratory tract. Excessive dust is irritating to the eyes.

(SILICA, AMORPHOUS FUMED)

Irritating to eyes, nose and upper respiratory tract.

CHRONIC HEALTH EFFECTS:

(IRON OXIDE)

Prolonged inhalation may produce siderosis with visible changes on a chest x-ray.

(SILICA, AMORPHOUS FUMED)

Currently being reviewed by IARC. No chronic health hazards are known.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY OVEREXPOSURE:

(IRON OXIDE)

This benign pneumoconiosis is not associated with pulmonary fibrosis.

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PRIMARY ROUTES OF ENTRY:

Inhalation, Dermal, or Ingestion

Section 4 - First Aid Measures

EYE CONTACT

Flush eyes with cool water for 15 minutes, occasionally lifting lids to ensure thorough rinsing. Seek medical assistance.

SKIN CONTACT

Wash thoroughly with soap and water.

INHALATION

Remove from area to fresh air.

INGESTION

Drink 1 or 2 glasses of water and induce vomiting by placing finger at back of throat. Seek medical assistance.

Section 5 - Fire Fighting Measures

MEC \geq 26g/m³ (see sec. 16)

EXTINGUISHING MEDIA

FOAM CO₂ DRY CHEMICAL WATER FOG DRY SAND

FIRE FIGHTING INSTRUCTIONS

Use fully protective equipment with self-contained breathing apparatus. The material has a flammability rating similar to a water-borne coating.

Section 6 - Accidental Release Measures

CLEAN-UP

Sweep up carefully or use explosion-proof vacuum cleaner, then dispose in accordance with local, state and federal regulations.

Section 7 - Handling and Storage

HANDLING

Keep all equipment clean and properly grounded to avoid static electricity discharge. Keep work areas free of dust. Avoid excessive skin contact. Do not ingest or inhale. Keep out of the reach of children.

STORAGE

Keep containers sealed and avoid static electricity discharges.

Section 8 - Exposure Controls / Personal Protection

Occupational Exposure Limits

ACGIH TLV

ACGIH TLV-C

ACGIH STEL

OSHA STEL

OSHA PEL

SILICA, AMORPHOUS FUMED

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| | | | | | |
|---------------|-------------|-----|-----|-----|-------------|
| | 10.00 mg/M3 | N/A | N/A | N/A | 6.00 mg/M3 |
| IRON OXIDE | 5.00 mg/M3 | N/A | N/A | N/A | 10.00 mg/M3 |
| NUISANCE DUST | 10.00 mg/M3 | N/A | N/A | N/A | N/A |

ENGINEERING CONTROLS

Provide sufficient ventilation in volume and pattern to keep air contamination concentration below applicable OSHA permissible exposure levels or ACGIH's TLV TWA limit.

RESPIRATORS

Use properly fitted NIOSH/MSHA approved gas & vapor respirators, or conventional respirators, or negative pressure respirators or particulate respirators, or FFR (filtering facepiece respirator) to avoid breathing dust.

OTHER CLOTHING

PROTECTIVE GLOVES: Recommended to avoid skin contact.

EYE PROTECTION: Goggles or safety glasses w/side shields recommended.

OTHER PROTECTIVE EQUIPMENT: Protective overalls recommended. Remove and wash soiled clothing.

Section 9 - Physical and Chemical Properties

Spec. Grav., ASTM D5965-96,C:1.57

Section 10 - Stability and Reactivity

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Fumes may contain CO, CO2, NO2 or other Nitrogen compounds.

Section 11 - Toxicological Information

| Route | Species | Exposure and Dose |
|---------------------------------|------------|-------------------|
| SILICA, AMORPHOUS FUMED Oral | Rat, adult | LD50 3160. PPM |

Section 12 - Ecological Information

None known

Section 13 - Disposal Considerations

Manage or dispose in accordance with local, state and federal regulations.

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Section 14 - Transport Information

Not Regulated

Section 15 - Regulatory Information

All ingredients in this product are listed in the T.S.C.A. Inventory.

Weight loss is less than one percent when using US EPA Federal Reference Method 24 (ASTM D2369). This weight loss is mostly water (ASTM D4107) with a trace amount of organic material. This trace amount should be considered Volatile Organic Compound (VOC) Content.

Section 16 - Other Information

HMIS Rating: Health=1* Fire=1 Reactivity=0 PPE=E

NFPA 704 Rating: Health=1 Fire=1 Reactivity=0

Rating Definitions:

Health 1-Slight hazard, irritation possible

Health *-Long term health effects may result from repeated overexposure

Fire 1-Slight hazard, needs considerable preheat before combustion will occur

Reactivity 0-Minimal hazard, materials are normally stable

PPE E-ANSI, Z87 approved safety glasses, gloves, negative pressure or particulate respirators

Other Definitions:

MEC (sec. 5) = Minimum Explosive Concentration