

# MATERIAL SAFETY DATA SHEET

Product name: RED EZ PATCH STICK

Product code: 71631S011

Product date: SEP 23 2009

Print date: 01/11/10

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## Section 1 - Product and Company Identification

Product Name: RED EZ PATCH STICK

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  
Medical Emergency 800.441.3637

Product Class: Coating Powder  
Product Number: 71631S

## Section 2 - Ingredient Information

Ingredient Name	CAS Number	Percent
BARIUM SULFATE	007727-43-7	10 - 30
IRON OXIDE	001309-37-1	3 - 7
PARAFFIN-WAX FUME	008002-74-2	1 - 5
NUISANCE DUST	N/A	As generated

## Section 3 - Hazards Identification

Potential Health Hazards (powder mixture).

May cause skin and eye irritation. May cause irritation of the upper respiratory tract (nose, mouth and/or throat), resulting in sneezing coughing and sore throat. Long-term respiratory exposure exceeding exposure limits may damage the lungs, leading to impairment of lung capacity.

The acute and chronic health effect statements below are for the pure chemicals only, unless noted.

ACUTE HEALTH EFFECTS:  
(IRON OXIDE)

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

(BARIUM SULFATE)

Inhalation of dusts containing barium sulfate may be irritating to the respiratory tract. Contact with the eyes may also cause irritation.

In 1994, US EPA deleted barium sulfate from the category "barium compounds" on the list of toxic chemicals for which reporting is required. The final rule is in 40 CFR Part 372.

#### CHRONIC HEALTH EFFECTS:

(IRON OXIDE)

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

(BARIUM SULFATE)

Prolonged exposure could cause benign pneumoconiosis called Baritosis.

#### MEDICAL CONDITIONS PRONE TO AGGRAVATION BY OVEREXPOSURE:

(IRON OXIDE)

This benign pneumoconiosis is not associated with pulmonary fibrosis.

#### 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

If swallowed, do not induce vomiting. Immediately give 2 glasses of water. Never give anything by mouth to an unconscious person. Call a physician.

## Section 5 - Fire Fighting Measures

MEC  $\geq$  26g/m<sup>3</sup> (see sec. 16)

#### EXTINGUISHING MEDIA

FOAM  CO<sub>2</sub>  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. Dust generated from this product during handling may create a fire and/or explosion hazard. Minimize dusting during use. Keep all equipment clean and properly grounded to avoid static electricity discharge.

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## Section 6 - Accidental Release Measures

### CLEAN-UP

Clean up spills using an explosion-proof vacuum cleaner, then dispose in accordance with local, state and federal regulations. Avoid sweeping and dust cloud formation.

## 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
BARIUM SULFATE					
	10.00 mg/M3	N/A	N/A	N/A	5.00 mg/M3
IRON OXIDE					
	5.00 mg/M3	N/A	N/A	N/A	10.00 mg/M3
PARAFFIN-WAX FUME					
	2.00 mg/M3	N/A	N/A	N/A	N/A
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: Impervious disposable gloves (like nitrile) are recommended.

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

OTHER PROTECTIVE EQUIPMENT: Protective overalls recommended. Remove

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and wash soiled clothing.

## Section 9 - Physical and Chemical Properties

Spec. Grav., ASTM D5965-96,C:1.21

## Section 10 - Stability and Reactivity

Stability: This product is stable

Hazardous Polymerization: Hazardous polymerization will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: Fumes may contain CO, CO<sub>2</sub>, NO<sub>2</sub> or other Nitrogen compounds.

## Section 11 - Toxicological Information

Route

Species

Exposure and Dose

## Section 12 - Ecological Information

None known

## Section 13 - Disposal Considerations

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

## Section 14 - Transport Information

Not Regulated

## Section 15 - Regulatory Information

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

This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR (Canada)

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

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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