



**MATERIAL SAFETY DATA SHEET**  
U.S. Department of Labor  
Occupational Safety & Health Administration

## POLAFLOOR P.U.R. BRUSHABLE – PART C

### **SECTION 1 - IDENTIFIERS**

**MANUFACTURER:** Andek Corporation  
**ADDRESS:** 850 Glen Avenue, Moorestown, NJ 08057  
**TELEPHONE:** 1-856-786-6900  
 In an emergency, contact CHEMTREC 1-800- 424-9300;  
 Outside the United States call +1-703-527-3887  
**TRADE NAME:** Polafloor P.U.R. Brushable Part C  
**CHEMICAL FAMILY:** Calcium Oxide/Silicon Oxide Blend

### **SECTION 2 – HAZARD IDENTIFICATION & EMERGENCY OVERVIEW**

**Emergency Overview:** No significant hazard other than exposure to dust by inhalation during handling.

#### **Effects of Overexposure:**

**SKIN:** May irritate.  
**EYES:** May irritate.  
**BREATHING:** May irritate.  
**SWALLOWING:** May irritate.

### **SECTION 3 - COMPOSITION**

COMPONENT	CAS #	APPROX %	TLV
Silica	7631-86-9	0.4	0.1 mg/M (respirable dust)
Calcium Oxide	65997-15-1	18.7	
Iron Oxide	51274-00-1	80.9	

### **SECTION 4 – FIRST AID MEASURES**

**SKIN:** Wash with clean water.  
**EYES:** Flush with clean water; if irritation persists, seek medical attention.  
**BREATHING:** Remove person immediately to fresh air, give artificial respiration if needed; seek medical attention as needed.  
**SWALLOWING:** Do NOT induce vomiting. Seek medical attention immediately.

### **SECTION 5 – FIRE & EXPLOSION HAZARD DATA**

**FLASH POINT (METHOD USED):** Non-flammable.  
**FLAMMABLE LIMITS:** N/A  
**EXTINGUISHING MEDIA:** None required; sand may be used as an extinguishing media.  
**SPECIAL FIRE FIGHTING PROCEDURES:** N/A  
**UNUSUAL FIRE & EXPLOSION HAZARDS:** Is neither a fire nor an explosion hazard.

### **SECTION 6 – SPILL OR LEAK PROCEDURES**

Clean with vacuum and place in closable container for disposal, or flush with water.

### **SECTION 7 – HANDLING & STORAGE**

Avoid spills of bulk material.

### **SECTION 8 – PERSONAL PROTECTION/EXPOSURE CONTROLS**

**RESPIRATORY PROTECTION (SPECIFY TYPE):** Any dust respirator.  
**EYE PROTECTION:** Goggles.  
**SKIN PROTECTION:** Gloves.  
**OTHER PROTECTIVE EQUIPMENT:** Adequate clothing to prevent direct contact with skin. Eye wash station or fresh, clean water.  
**PERSONAL HYGIENE:** Avoid creating and breathing dust.

**SECTION 9 - PHYSICAL DATA**

BOILING POINT (F)	4046° F	SPECIFIC GRAVITY (H <sup>2</sup> O=1)	2.65
VAPOR PRESSURE	None	PERCENT, VOLATILE BY VOLUME	N/A
VAPOR DENSITY (AIR=1)	N/A	EVAPORATION RATE (N.B.A.=1)	N/A
SOLUBILITY IN WATER	Insoluble	pH	Neutral

APPEARANCE & ODOR – Black Sparkling Powder - no odor or taste

**SECTION 10 - REACTIVITY DATA**

STABILITY: Stable.

INCOMPATIBILITY (MATERIALS TO AVOID): Contact with powerful oxidizing agents such as fluorine, chlorine trifluoride, etc. may cause fires.

HAZARDOUS DECOMPOSITION PRODUCTS: Silica will dissolve in hydrofluoric acid and produce a corrosive gas - silicone tetrafluoride.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

**SECTION 11 – TOXICOLOGICAL INFORMATION****KNOWN CARCINOGENS OR MUTAGENS - TYPE & DEFINITION**

The National Toxicology Program (NTP) published its Sixth Annual Report on Carcinogens which concludes that "silica, crystalline (respirable)" may reasonably be anticipated to be a carcinogen. The NTP conclusion is based on sufficient evidence for the carcinogenicity of respirable crystalline silica in experimental animals and limited evidence in humans.

**SECTION 12 – ECOLOGICAL INFORMATION**

This material is not expected to biodegrade when released into the soil. This material is not expected to significantly bioaccumulate.

**SECTION 13 – DISPOSAL CONSIDERATIONS**

Dispose of in accordance with existing federal, state and local environmental regulations.

**SECTION 14 – TRANSPORT INFORMATION**

Proper Shipping Name:	Waterproofing
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This material is not regulated by the D.O.T.

**SECTION 15 – REGULATORY INFORMATION**

See reference data for individual components.

**SECTION 16 – OTHER INFORMATION (HMIS RATING)**

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	E

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