

# K A U F M A N

PRODUCT  
INFORMATION

KAUFMAN  
PRODUCTS  
INC.

3811 CURTIS  
AVENUE

BALTIMORE,  
MARYLAND  
21226-1131

410-354-8600  
800-637-6372

www.kaufmanproduct.net

## MATERIAL SAFETY DATA

### Product Manufacturer

Kaufman Products, Inc.  
3811 Curtis Avenue.  
Baltimore, Maryland 21226

### Emergency Telephone No.

410-354-8600 (work hours)  
800-424-9300 (other times)

### Product Trade Name and Identification

Surface retarders for concrete

Expose	Code-820
Expose-White pigmented	Code 822
E xpose- Red pigmented	Code 823

### Ingredients

	CAS#	TLV
Mixture of polyhydroxy monocarboxylic acids, wetting agents, etc. in an aqueous solution.	527-07-1	NA
If pigmented:		
Titanium dioxide	13463-67-7	15mg/m <sup>3</sup>
Kaolin	1332-58-7	15mg/m <sup>3</sup>

(TLV for pigments are for dry dust, however they are totally encapsulated in product so that dust is not present)

### Physical Data

Boiling Point: 212°F  
Solubility in Water: Infinite  
Vapor Density: Heavier than air  
Appearance and odor: Thin liquid color dyed for identification negligible odor.  
Evaporation Rate: Slower  
Percent Volatile by Volume: 75-85  
Weight per Gallon: 8.4 - 8.9  
PH: 2.5

### Fire and Explosion Hazard Data

DOT Category: NA  
Flash Point: NA  
Extinguishing Media: NA

### Health Hazard Data

Threshold Limit Value: Not established  
Effects and First Aid Procedures:  
Eye, skin respiratory irritation.  
Overexposure: Inhalation - Remove from area. Call a physician.  
Eye Contact - Promptly flush w/clean water. If irritation continues, call a physician. Skin Contact - Remove saturated clothing & wash affected areas with soap & water. Ingestion - Do not induce vomiting. Give liquids and call a physician immediately. Inhalation - Remove from exposure

### Reactivity Data

Stability: Stable  
Hazardous Decomposition Products: NA  
Hazardous Polymerization: NA

### Spill or Leak Procedures

Steps to be Taken In Case Material Is Released Or Spilled:  
Stop leakage, absorb liquid with absorbents.  
Waste Disposal Method: Can be flushed away with water or disposed of with government regulated chemical disposal company.

### Special Protection Information

Respiratory Protection: Normally not necessary. If desired, NOISH approved respirators.  
Ventilation: Local exhaust  
Protective Gloves: Rubber  
Eye Protection: Goggles  
Other Protective Equipment: Apron

### Special Precautions

THIS IS AN INDUSTRIAL PRODUCT. Keep out of the reach of children.

### Date Revised

January 17, 1997

For professional use only. Not for sale to or use by the general public.

LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salesmen, distributors and their salesmen have no authority to change the printed recommendations concerning the use of our products.