



# MATERIAL SAFETY DATA SHEET

## PRODUCT IDENTIFICATION

SYSTEX Color

Product code : All Colors

MSDS DATE : 2/06/2001

Supersededos : 8/9/1991

Hazard Rating		Scale
Toxicity	0	4=EXTREME
Fire	0	3=HIGH
Reactivity	0	2=MODERATE
Special	-	1=SLIGHT 0=INSIGNIFICANT

## COMPONENT INFORMATION

No.	CAS REG NO.	AMT.(%)
1 Titanium Dioxide	13463-67-7	5 mg/m <sup>3</sup>
2 Calcium Carvbonate.	1317-65-3	
3 Ethylene Glycol	107-21-1	125 mg/m <sup>3</sup>
4 Silica	1317-95-8	

## EMERGENCY RESPONSE INFORMATION

### FIRST AID PROCEDURES

#### INHALATION

Move subject to fresh air.

#### EYE CONTACT

Flush with large amounts of water-consult an eye physician if necessary.

#### SKIN CONTACT

Wash with detergent and water.

#### INGESTION

Induce vomiting, give water. Consult a physician if necessary.

### FIRE FIGHTING INFORMATION

#### UNUSUAL HAZARDS

May spatter when temperatre exceeds boiling point.

#### EXTINGUISHING AGENTS

Use the following extinguishing media when fighting fire involving this material: Carbon Dioxide-dry chemical-water spray.

#### PERSONAL PROTECTIVE EQUIPMENT

As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved of equivalent) and full protective gear.

#### SPECIAL PROCEDURES

None.

### SPILL OR LEAK HANDLING INFORMATION

#### PERSONAL PROTECTION

Wear a MSHA/NIOSH approved respirator for nuisance dust.

#### PROCEDURES

Material can be handled as normal solid waste. Scoop or sweep and transfer spilled material to suitable containers for disposal. Floor may be slippery; use care to avoid falling. Avoid breathing dust.

CONTINUED



**SPILL OR LEAK HANDLING INFORMATION**

**PERSONAL PROTECTION**

Wear a MSHA/NIOSH approved respirator for nuisance dust.

**PROCEDURES**

Material can be handled as normal solid waste. Scoop or sweep and transfer spilled material to suitable containers for disposal. Floor may be slippery; use care to avoid falling. Avoid breathing dust.

**HAZARD INFORMATION**

**HEALTH EFFECTS FROM OVEREXPOSURE**

**PRIMARY ROUTES OF EXPOSURE**

Inhalation. Skin Contact. Eye Contact.

**INHALATION**

Vapors could cause irritation of eyes and nose in some individuals.

**EYE CONTACT**

Direct liquid contact with eyes may cause mild irritation.

**SKIN CONTACT**

Possible irritation for sensitive individuals.

**INGESTION**

Swallowing of large amounts could give toxic effects.

**FIRE AND EXPLOSIVE PROPERTIES**

Flash Point . . . . .	Not Applicable
Lower explosive limit . . . . .	1.3%
Upper explosive limit . . . . .	7.4%

**REACTIVITY INFORMATION**

**INSTABILITY**

This material is considered stable.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Fire conditions may yield oxides of carbon.

**HAZARDOUS POLYMERIZATION**

Polymerization will not occur

**ACCIDENT PREVENTION INFORMATION**

**PERSONAL PROTECION MEASURES**

**RESPIRATORY PROTECTION**

Self contained breathing apparatus for concentrations above TLV limits.

**EYE PROTECION**

Splash prood goggles.

**HAND PROTECTION**

Gloves impervious to water based materials.

**FACILITY CONTROL MEASURES**

**VENTILATION**

Use local exhaust ventilation. Refer to the current edition of *Industrial Ventilation: A Manual of Recommended Practice* published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

**CONTINUED**



**Mortex Manufacturing Co., Inc.**  
 1818 West Price Street  
 Tucson AZ 85705

**PRODUCT: SYSTEX COLOR**

**DATE: 4/20/2000**

**STORAGE AND HANDLING INFORMATION**

**STORAGE CONDITIONS**

This product should be kept from freezing during shipping and handling. Although freezing presents no hazard, it may ruin the product.

**SUPPLEMENTAL INFORMATION**

**TYPICAL PHYSICAL PROPERTIES**

Appearance .....	White or colored viscous liquid
Color .....	N/A
State .....	Liquid
Odor Characteristic .....	Mild ammonia odor
pH .....	9-10
Vapor Density (Air = 1) .....	> 1
Boiling point .....	212°F
Solubility in water .....	Soluable
Percent Volatility .....	25%
Evaporation rate (BAc = 1) .....	Slower than n-Butyl Acetate

**TOXICITY**

For your knowledge, this product contains trace amounts of aqueous ammonia and slight traces of residual acrylic monomers and formaldehyde carried in with the acrylic latex polymer and surfactant used. These trace levels are below reporting requirements in the hazard components section II. Although these are toxic chemicals, at this trace level they should produce no harmful effects if this product is handled with normal care and caution. CAUTION: KEEP OUT OF REACH OF CHILDREN.

**WASTE DISPOSAL**

**PROCEDURE**

Place in proper container for disposal at a landfill that complies with local, State and Federal regulations.

**REGULATORY INFORMATION**

**WORKPLACE CLASSIFICATIONS**

This product does not contain any ingredients listed as hazardous substances.

**TRANSPORTATION CLASSIFICATIONS**

D.O.T. Not regulated.

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