

# MATERIAL SAFETY DATA SHEET

## ColorSet Epoxy System 931 - Part A

### HMIS

HEALTH	3
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	I

### 1. Product And Company Identification

#### Supplier

C-CURE  
13001 SEAL BEACH BLVD.  
SEAL BEACH, CA 90740 USA

Company Contact: GEORGE MARCINA  
Telephone Number: 562 968 2980 Ext 103  
FAX Number: 562 903 2697  
E-Mail: georgem@cbpmail.net  
Web Site: WWW.C-CURE.COM

#### Manufacturer

C-CURE  
13001 SEAL BEACH BLVD.  
SEAL BEACH, CA 90740 USA

Company Contact: GEORGE MARCINA  
Telephone Number: 562 968 2980 Ext 103  
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E-Mail: georgem@cbpmail.net  
Web Site: WWW.C-CURE.COM

#### Supplier Emergency Contacts & Phone Number

GEORGE MARCINA: 562 968 2980 Ext 103

#### Manufacturer Emergency Contacts & Phone Number

GEORGE MARCINA: 562 968 2980 Ext 103

Issue Date: 04/20/2007

Product Name: ColorSet Epoxy System 931 - Part A  
CAS Number: Not Established  
Chemical Family: Aminoamid  
Chemical Formula: MIXTURE  
MSDS Number: 910  
Product Code: 4F7620, et al

#### Product Identification Text

This MSDS is applicable to following Colors; # 164 Silver King, # 167 Azalea, # 168 Wild Onion, #173 Honeysuckle, #200 Dover White.

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
BISPHENOLA	80-05-7	20 - 30
CARBON BLACK	1333-86-4	0 - 5
DIETHYLENETRIAMINE	111-40-0	20 - 30
IRONOXIDEPIGMENTS	Not Establish	0 - 5
SILICA, AMORPHOUS	7631-86-9	1 - 5
TITANIUMDIOXIDE	13463-67-7	1 - 5
TETA	112-24-3	20 - 30
SILICA, Quartz, Crystalline	14808-60-7	10 - 20

### 3. Hazards Identification

#### Primary Routes(s) Of Entry

SKIN, EYES AND NOSE.

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### 3. Hazards Identification - Continued

#### Eye Hazards

CORROSIVE TO LIVING TISSUE. WILL CAUSE EYE BURNS.

#### Skin Hazards

CORROSIVE TO LIVING TISSUE. SKIN SENSITIZER. WILL CAUSE SKIN BURNS. CAN CAUSE ALLERGIC SKIN REACTIONS.

#### Ingestion Hazards

INGESTION MAY CAUSE DIGESTIVE TRACT IRRITATION. SWALLOWING CAN BURN MOUTH AND CAUSE NAUSEA, VOMITTING, DIARRHEA, PAIN AND COLLAPSE.

#### Inhalation Hazards

MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. MAY CAUSE RESPIRATORY REACTION AFTER REPETITIVE EXPOSURE.

#### Subchronic (Target Organ Effects)

ANIMAL STUDIES ON COMPONENTS HAVE SHOWN EFFECTS ON LIVER AND FETUS.

#### Chronic/Carcinogenicity Effects

CONTAINS SAND - KNOWN HUMAN CARCINOGEN.

#### Reproductive Effects

ANIMAL STUDIES ON COMPONENTS HAVE SHOWN EFFECTS ON LIVER AND FETUS.

#### Conditions Aggravated By Exposure

ALLERGIC CONDITIONS.

### 4. First Aid Measures

#### Eye

IMMEDIATELY FLUSH WITH RUNNING WATER FOR 15 MIN. HOLD EYELIDS APART TO INSURE RINSING OF ENTIRE EYE SURFACE AND LID WITH WATER. FLUSH FOR ADDITIONAL 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

#### Skin

IMMEDIATELY WIPE OFF EXCESS MATERIAL WITH A DRY TOWEL. REMOVE CONTAMINATED CLOTHING AND SHOES. WASH AFFECTED AREAS THOROUGHLY WITH LARGE AMOUNTS OF SOAP AND WATER FOR AT LEAST 15 MINUTES. GET IMMEDIATE MEDICAL ATTENTION.

#### Ingestion

SEEK IMMEDIATE MEDICAL ATTENTION. GIVE 3-4 GLASSES OF WATER BUT DO NOT INDUCE VOMITTING. IF VOMITTING OCCURS, GIVE MORE WATER. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. REMOVE STOMACH CONTENTS BY GASTRIC SUCTION OR INDUCE VOMITING ONLY AS DIRECTED BY A PHYSICIAN.

#### Inhalation

MOVE PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION IF RESPIRATORY IRRITATION DEVELOPES OR IF BREATHING BECOMES DIFFICULT.

### 5. Fire Fighting Measures

**Flash Point:** 233 °F

**Flash Point Method:** CLOSED CUP

**Lower Explosive Limit:** N/A

**Upper Explosive Limit:** N/A

#### Fire And Explosion Hazards

DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC. MAY GENERATE NITROGEN OXIDE GASSES AND AMMONIA GAS.

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### 5. Fire Fighting Measures - Continued

#### Extinguishing Media

FOAM, CO2, DRY CHEMICAL, WATER SPRAY.

#### Fire Fighting Instructions

USE SELF CONTAINED BREATHING APPARATUS.  
COMBUSTION OR DECOMPOSITION PRODUCTS MAY BE TOXIC.

### 6. Accidental Release Measures

IN CASE MATERIAL IS RELEASED OR SPILLED, AVOID ALL PERSONAL CONTACT. SOAK UP IN ABSORBENT MATERIAL AND SHOVEL INTO A CLOSABLE CONTAINER. FLUSH AREA WITH WATER SPRAY. AVOID INHALATION OF VAPORS.

### 7. Handling And Storage

#### Handling And Storage Precautions

CAUTION! CAN CAUSE IRRITATION, DERMATITIS AND SENSITIZATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING VAPOR, MIST OR SPRAY. USE ONLY IN AREAS WITH GOOD VENTILATION.

WASH THOROUGHLY AFTER HANDLING. STORE IN DRY AREAS AWAY FROM HEAT OR OPEN FLAME.

#### Handling Precautions

DANGER, CORROSIVE. WILL CAUSE EYE AND SKIN BURNS. CAN CAUSE ALLERGIC REACTIONS.

#### Work/Hygienic Practices

PRACTICE CAUTION AND PERSONAL CLEANLINESS TO AVOID SKIN AND EYE CONTACT. AVOID BREATHING VAPORS OF HEATED PRODUCT.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

USE IN WELL VENTILATED AREAS.

#### Eye/Face Protection

WEAR SAFETY GLASSES WITH SIDE SHIELDS. IN EMERGENCY SITUATIONS, USE EYE GOGGLES WITH A FULL FACE SHIELD.

#### Skin Protection

WEAR CHEMICAL RESISTANT, PLASTIC OR RUBBER GLOVES.

#### Respiratory Protection

NONE REQUIRED UNDER NORMAL CONDITIONS. IF NEEDED, WEAR ORGANIC CHEMICAL CARTRIDGE RESPIRATOR.

#### Other/General Protection

WEAR APPROPRIATE CLOTHING TO PREVENT THE POSSIBILITY OF SKIN OR EYE CONTACT.

#### Ingredient(s) - Exposure Limits

CARBON BLACK

ACGIH TLV-TWA 3.5 mg/m3

OSHA PEL-TWA 3.5 mg/m3

DIETHYLENETRIAMINE

ACGIH TLV-TWA 1 ppm (Skin)

OSHA PEL 1ppm

IRON OXIDE PIGMENTS

ACGIH TLV - 5 mg/m3

OSHA STEL - 10 ppm

SILICA, AMORPHOUS

ACGIH TLV-TWA 10 mg/m3

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### 8. Exposure Controls/Personal Protection - Continued

#### Ingredient(s) - Exposure Limits - Continued

OSHA PEL-TWA 20 mppcf  
OSHA PEL-TWA 80 / %SiO<sub>2</sub> mg/m<sup>3</sup>  
OEHHA REL 3 micrograms/m<sup>3</sup>  
TITANIUM DIOXIDE  
ACGIH TLV-TWA 10 mg/m<sup>3</sup>  
OSHA PEL-TWA 15 mg/m<sup>3</sup>  
SILICA, Quartz, Crystalline  
ACGIH TLV-TWA 0.05 mg/m<sup>3</sup>  
OSHA PEL-TWA 30/%SiO<sub>2</sub>+2mg/m<sup>3</sup>  
OSHA PEL - TWA 10/% SiO<sub>2</sub> +2 mg/m<sup>3</sup>  
OSHA PEL-TWA 250/%SiO<sub>2</sub>+5 mppcf  
Cal EPA - OEHHA - REL - 3 micrograms/m<sup>3</sup>

WEAR APPROPRIATE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

### 9. Physical And Chemical Properties

#### Appearance

COLORED LIQUID.

#### Odor

AMONIACAL.

**Chemical Type:** Mixture

**Physical State:** Liquid

**Boiling Point:** >400 °F >200 °C

**Specific Gravity:** 1.2

**Vapor Pressure:** <1 mm Hg @ 20C

**Vapor Density:** N/E

**pH Factor:** 11

**Solubility:** SLIGHTLY SOLUBLE IN WATER.

**Evaporation Rate:** N/E

### 10. Stability And Reactivity

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR.

#### Incompatible Materials

MINERAL AND ORGANIC ACIDS, OXIDIZING AGENTS. CAUTION - NITROSOAMINES, KNOWN CARCINOGENS, MAY BE FORMED IN CONTACT WITH NITROUS ACID, NITRITES, NITROUS OXIDES.

#### Hazardous Decomposition Products

CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES, AMMONIA, NITRIC ACID.

### 11. Toxicological Information

#### Skin Effects

DERMAL LD50, = 3.0 G/KG RABBIT (Component)

CORROSIVE., SENSITIZER

#### Acute Oral Effects

ORAL LD50 = 3.2 G /KG RAT (Component)

#### Chronic/Carcinogenicity

CONTAINS SAND - KNOWN CARCINOGEN.

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### 11. Toxicological Information - Continued

#### Ingredient(s) - Carcinogenicity

CARBON BLACK  
Listed In The IARC Monographs  
SILICA, AMORPHOUS  
Listed In The IARC Monographs  
SILICA, Quartz, Crystalline  
NTP - Listed On The National Toxicology Program  
Listed In The IARC Monographs

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

#### RCRA Information

NOT A HAZARDOUS WASTE UNDER RCRA (40 CFR 261).

### 14. Transport Information

#### Proper Shipping Name

CORROSIVE LIQUIDS N.O.S. (Diethylenetriamine, Triethylenetetramine)

#### Hazard Class

8

#### DOT Identification Number

UN1760

#### Packaging Requirements

PACKAGING GROUP III

#### Additional Shipping Paper Description

ID NUMBER - UN 1760

### 15. Regulatory Information

#### U.S. Regulatory Information

CONTAINS CHEMICAL WHICH IS REGULATED BY TSCA AND PROPER EXPORT NOTIFICATION SHALL BE SENT TO EPA PRIOR TO SHIPPING OUT OF US. NAME: 80-05-7, 4.4'-ISOPROPYL IDENEPHENOL

#### SARA Section 313 Notification

CONTAINS A TOXIC CHEMICAL FOR ROUTINE ANNUAL TOXIC RELEASE REPORTING - 80-05-7, 4.4'-ISOPROPYL IDENEPHENOL

#### Ingredient(s) - U.S. Regulatory Information

SILICA, Quartz, Crystalline  
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical  
SARA - Chronic Health Hazard

#### State Regulations

#### Ingredient(s) - State Regulations

CARBON BLACK

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### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations - Continued

New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance

#### DIETHYLENETRIAMINE

New Jersey - Workplace Hazard  
New Jersey - Special Hazard  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance

#### SILICA, AMORPHOUS

New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance

#### TITANIUM DIOXIDE

New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
New York City - Hazardous Substance

#### TETA

New Jersey - Workplace Hazard  
New Jersey - Special Hazard  
Pennsylvania - Workplace Hazard  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance

#### SILICA, Quartz, Crystalline

New Jersey - Workplace Hazard  
Pennsylvania - Workplace Hazard  
California - Proposition 65  
Massachusetts - Hazardous Substance

### 16. Other Information

#### HMIS Rating

Health: 3

Fire: 1

Reactivity: 0

Personal Protection: I

#### Revision/Preparer Information

MSDS Preparer: GEORGE MARCINA

MSDS Preparer Phone Number: (323) 582-0846

This MSDS Supersedes A Previous MSDS Dated: 04/20/2007

#### Disclaimer

THE INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

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