

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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Supplier Emergency Contacts & Phone Number

GEORGE MARCINA: 562 968 2980 Ext 103

Manufacturer Emergency Contacts & Phone Number

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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 / %SiO₂ mg/m³
OEHHA REL 3 micrograms/m³
TITANIUM DIOXIDE
ACGIH TLV-TWA 10 mg/m³
OSHA PEL-TWA 15 mg/m³
SILICA, Quartz, Crystalline
ACGIH TLV-TWA 0.05 mg/m³
OSHA PEL-TWA 30/%SiO₂+2mg/m³
OSHA PEL - TWA 10/% SiO₂ +2 mg/m³
OSHA PEL-TWA 250/%SiO₂+5 mppcf
Cal EPA - OEHHA - REL - 3 micrograms/m³

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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