

* Ulano FotoCoat FX *

1-23-04



43313-1007
- 1009

MATERIAL SAFETY DATA SHEET

PRODUCT NAME



FX88-SR EMULSION

SECTION I

Manufacturer's Name
ULANO CORPORATION
Address (Number, Street,
110 THIRD AVENUE
(City, State, ZIP Code)
BROOKLYN, NY. 11217
Signature of Preparer (optional)

Emergency Telephone Number
CHEMTREC: (800)424-9300 or (703)527-3887
Telephone Number for Information
(718)622-5200 Fax# : (718)802-1119
Date Prepared
MAY 1, 2000

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

| Ingredients | C.A.S. # | OSHA PEL | ACGIH TLV | Approx. Conc. | Hazard Type |
|----------------------------|---------------------|----------------|----------------|----------------|----------------------|
| WATER | | | | | |
| POLYVINYL ALCOHOL | 9002-89-5 | NOT SET | NOT SET | <10% | NON HAZARDOUS |
| TSRN 80100215-5002P | TRADE SECRET | NOT SET | NOT SET | | NON HAZARDOUS |
| TSRN 80100215-5001P | TRADE SECRET | NOT SET | NOT SET | | NON HAZARDOUS |

THIS PRODUCT DOES NOT CONTAIN SARA TITLE III, SECTION 313 REPORTABLE MATERIAL

ULANO PRODUCTS ARE NOT MANUFACTURED WITH, NOR DO THEY CONTAIN CLASS-I OR CLASS-II OZONE DEPLETING CHEMICALS.

SECTION III - Physical/Chemical Characteristics

| | |
|--|---|
| Boiling Point 212+°F | Specific Gravity (H ₂ O=1) 1.05-1.08 |
| Vapor Pressure (mm Hg.) N.A. | Melting Point N.A. |
| Vapor Density (AIR=1) N.A. | Evaporation Rate (H ₂ O=1) APPROX. 1 |
| Solubility in Water DILUTABLE | |
| Appearance and Odor WHITE VISCOUS LIQUID | |

V-4330

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|---|---------------------------------|--------------------|--------------------|
| Flash Point (Method Used) N.A. | Flammable Limits N.A. | LEL N.A. | UEL N.A. |
| Extinguishing Media NON-FLAMMABLE | | | |
| Special Fire Fighting Procedures TREAT SURROUNDING FIRE | | | |
| Unusual Fire and Explosion Hazards NONE KNOWN | | | |

SECTION V - Reactivity Data

| | Unstable | Stable |
|--|--------------|---|
| Stability | | X |
| Conditions to Avoid AFTER SENSITIZING, EXPOSURE TO LIGHT WILL CAUSE THICKENING | | |
| Incompatibility (Material to Avoid) NONE KNOWN | | |
| Hazardous Decomposition or Byproducts NONE KNOWN | | |
| Hazardous Polymerization | May Occur | Will Not Occur X |
| Conditions to Avoid NONE KNOWN | | |
| HMIS | Health [1] | Flammability [0] Reactivity [0] Personal Protection [A] |

SECTION VI - Health Hazard Data

| | | | |
|---|-------------|------------------|-----------------|
| Route(s) of Entry | Inhalation? | Skin? | Ingestion? |
| | NO | NO | NO |
| Health Hazards (Acute and Chronic) NONE KNOWN | | | |
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| | NO | NO | NO |
| Signs and Symptoms of Exposure NONE KNOWN | | | |
| Medical Condition Generally Aggravated by Exposure NONE KNOWN | | | |
| Emergency and First Aid Procedures EYES: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN | | | |

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
SMALL SPILLS MAY BE WASHED DOWN SEWER. LARGE SPILLS SHOULD BE ABSORBED ONTO SUITABLE MEDIA.

Waste Disposal Method
DISPOSE OF MEDIA IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storing
NONE KNOWN

Other Precautions
NONE KNOWN

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)
NONE

| | | | |
|--------------------|----------------------|---------|-------|
| <u>Ventilation</u> | | | |
| Local Exhaust | Mechanical (General) | Special | Other |
| | X | | |

Protective Gloves
NONE

Eye Protection
NONE

Other Protective Clothing or Equipment
APRON TO AVOID STAINING CLOTHING

Work / Hygienic Practices
NONE

WHILE THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF ULANO CORP. MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.



MATERIAL SAFETY DATA SHEET

PRODUCT NAME


DIAZO C SENSITIZER POWDER

SECTION I

| | |
|---|---|
| Manufacturer's Name ULANO CORPORATION | Emergency Telephone Number CHEMTREC: (800)424-9300 or (703)527-3887 |
| Address (Number, Street.) 255 BUTLER ST. | Telephone Number for Information (718)622-5200 Fax#: (718)802-1119 |
| (City, State, ZIP Code) BROOKLYN, NY. 11217 | Date Prepared MAY 1, 2000 |
| Signature of Preparer (optional) | |

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

| Ingredients | C.A.S. # | OSHA PEL | ACGIH TLV | Approx. Conc. | Hazard Type |
|---------------------------------------|------------|---------------------|---------------------|-----------------|-------------|
| BENZENEDIAZONIUM,4(PHENYLAMINO) | 41432-19-3 | 15mg/m ³ | 15mg/m ³ | Total Dust | Irritant |
| SULFATE 1:1 POLYMER WITH FORMALDEHYDE | | 5mg/m ³ | 5mg/m ³ | Respirable Dust | |

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ULANO PRODUCTS ARE NOT MANUFACTURED WITH, NOR DO THEY CONTAIN CLASS-I OR CLASS-II OZONE DEPLETING CHEMICALS.

SECTION III - Physical/Chemical Characteristics

| | |
|---|---|
| Boiling Point SLOW DECOMPOSITION AT 244°F | Specific Gravity (H ₂ O=1) N.A. |
| Vapor Pressure (mm Hg.) N.A. | Melting Point N.A. |
| Vapor Density (Air=1) N.A. | Evaporation Rate (H ₂ O=1) N.A. |
| Solubility in Water SOLUBLE | |
| Appearance and Odor YELLOW POWDER | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|--|---------------------------------|--------------------|--------------------|
| Flash Point (Method Used) N.A. | Flammable Limits N.A. | LEL N.A. | UEL N.A. |
|--|---------------------------------|--------------------|--------------------|

Extinguishing Media
CARBON DIOXIDE OR DRY CHEMICAL

Special Fire Fighting Procedures
FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED, AIR BREATHING APPARATUS

Unusual Fire and Explosion Hazards
UNDER FIRE CONDITIONS, OXIDES OF CARBON, NITROGEN AND SULFUR WILL BE LIBERATED

SECTION V - Reactivity Data

| | | |
|-----------------------|--------------|------------|
| Stability X | Unstable | Stable |
|-----------------------|--------------|------------|

Conditions to Avoid
IGNITION SOURCES, TEMPERATURES ABOVE 95°F AND ACTINIC LIGHT. DECOMPOSITION DOES NOT RESULT IN A HAZARDOUS CONDITION, ONLY EFFECTIVENESS DECREASES.

Incompatibility (Material to Avoid)
STRONG OXIDIZERS

Hazardous Decomposition or Byproducts
OXIDES OF CARBON, NITROGEN AND SULFUR DECOMPOSES AT 356°F

| | | |
|--|---------------|----------------------------|
| Hazardous Polymerization Conditions to Avoid STRONG OXIDIZERS | May Occur | Will Not Occur X |
|--|---------------|----------------------------|

HMIS Health [2] Flammability [3] Reactivity [1] Personal Protection [C]

SECTION VI - Health Hazard Data

| | | | |
|-------------------|-------------|-------|------------|
| Route(s) of Entry | Inhalation? | Skin? | Ingestion? |
| | X | X | X |

Health Hazards (*Acute and Chronic*)
SKIN: MAY CAUSE SLIGHT IRRITATION WITH PROLONGED CONTACT. EYES: CORROSIVE TO EYES, MAY CAUSE SEVERE IRRITATION. INHALATION: MAY CAUSE IRRITATION OF MOUTH, THROAT AND RESPIRATORY TRACT. INGESTION: MAY BE HARMFUL IF INGESTED. INGESTION MAY CAUSE IRRITATION OF MOUTH, THROAT AND GI TRACT.

| | | | |
|------------------|------|------------------|-----------------|
| Carcinogenicity: | NTP? | IARC Monographs? | OSHA Regulated? |
| | NO | NO | NO |

Signs and Symptoms of Exposure
IRRITATION OF EYES, OR MOUTH

Medical Condition Generally Aggravated by Exposure
NONE KNOWN

Emergency and First Aid Procedures
EYES AND SKIN: WASH AFFECTED AREAS WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION OCCURS

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
WASH DOWN WITH WATER

Waste Disposal Method
DISPOSE OF IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS

Precautions to be Taken in Handling and Storage
STORE IN A COOL DRY AREA

Other Precautions
MIX UNDER YELLOW OR SUBDUED LIGHT

SECTION VIII - Control Measures

Respiratory Protection (*Specify Type*)
NIOSH APPROVED DUST MASK IF USING LARGE QUANTITIES

| | | | |
|--------------------|-------------------------------|---------|-------|
| <u>Ventilation</u> | | | |
| Local Exhaust | Mechanical (<i>General</i>) | Special | Other |
| | X | | |

Protective Gloves
PLASTIC GLOVES

Eye Protection
NIOSH APPROVED GOGGLES

Other Protective Clothing or Equipment
PROTECTIVE APRON

Work / Hygienic Practices
WASH HANDS AFTER HANDLING MATERIAL

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MATERIAL SAFETY DATA SHEET

PRODUCT NAME

FX88SR COLOR ADDITIVE

SECTION I

Manufacturer's Name
ULANO CORPORATION
Address (Number, Street,)
255 BUTLER ST.
(City, State, ZIP Code)
BROOKLYN, NY. 11217
 Signature of Preparer (optional)

Emergency Telephone Number
CHEMTREC: (800)424-9300 or (703)527-3887
Telephone Number for Information
(718)622-5200 Fax#: (718)802-1119
Date Prepared
MAY 1, 2000

SECTION II - Ingredients/Identity Information

(Specific Chemical Identity; Common Name(s))

| Ingredients | C.A.S. # | OSHA PEL | ACGIH TLV | Approx. Conc. | Hazard Type |
|-------------|----------|----------|-----------|---------------|---------------|
| PTHALO BLUE | 147-14-8 | NOT SET | NOT SET | 50% | NON HAZARDOUS |
| WATER | | | | 50% | |

PTHALO BLUE DYE CONTAINS 3.4% COPPER WHICH IS REPORTABLE IN ACCORDANCE WITH SARA TITLE III, SECTION 313

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SECTION III - Physical/Chemical Characteristics

| | |
|--|--|
| Boiling Point 212+°F | Specific Gravity (H ₂ O=1) APPROX. 1 |
| Vapor Pressure (mm Hg.) N.A. | Melting Point N.A. |
| Vapor Density (AIR=1) N.A. | Evaporation Rate (H ₂ O=1) APPROX. 1 |
| Solubility in Water DISPERSIBLE | |
| Appearance and Odor ODORLESS, BLUE LIQUID | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|--|--------------------------|-------------|-------------|
| Flash Point (Method Used) N.A. | Flammable Limits N.A. | LEL N.A. | UEL N.A. |
| Extinguishing Media NON-FLAMMABLE | | | |
| Special Fire Fighting Procedures TREAT SURROUNDING FIRE | | | |
| Unusual Fire and Explosion Hazards NONE KNOWN | | | |

SECTION V - Reactivity Data

| | Unstable | Stable |
|---|--------------|---------------------------|
| Stability | | X |
| Conditions to Avoid NONE KNOWN | | |
| Incompatibility (Material to Avoid) NONE KNOWN | | |
| Hazardous Decomposition or Byproducts NONE KNOWN | | |
| Hazardous Polymerization | May Occur | Will Not Occur X |
| Conditions to Avoid NONE KNOWN | | |
| HMIS | Health [1] | Flammability [0] |
| | | Reactivity [0] |
| | | Personal Protection [A] |

SECTION VI - Health Hazard Data

| | | | |
|-------------------|--------------------------|---------------------|-------------------------|
| Route(s) of Entry | Inhalation? NO | Skin? YES | Ingestion? NO |
|-------------------|--------------------------|---------------------|-------------------------|

Health Hazards (Acute and Chronic)
MAY CAUSE IRRITATION TO SKIN AND EYES.

| | | | |
|------------------|-------------------|-------------------------------|------------------------------|
| Carcinogenicity: | NTP? NO | IARC Monographs? NO | OSHA Regulated? NO |
|------------------|-------------------|-------------------------------|------------------------------|

Signs and Symptoms of Exposure
REDNESS OF SKIN OR BURNING SENSATION OF EYES.

Medical Condition Generally Aggravated by Exposure
NONE KNOWN

Emergency and First Aid Procedures

EYES: FLUSH WITH LARGE QUANTITIES FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH AREA WITH SOAP AND WATER. IF IRRITATION DEVELOPS, CALL A PHYSICIAN.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case Material is Released or Spilled
WIPE UP WITH RAGS. WASH DOWN AREA WITH WATER.

Waste Disposal Method
DISPOSE OF RAGS IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storing
NONE KNOWN

Other Precautions
AVOID EXCESSIVE CONTACT

SECTION VIII - Control Measures

Respiratory Protection (Specify Type)
NONE

Ventilation

| | | | |
|---------------|----------------------|---------|-------------|
| Local Exhaust | Mechanical (General) | Special | Other |
| | | | NONE |

| | |
|-----------------------|--------------------------------------|
| Protective Gloves | Eye Protection |
| PLASTIC GLOVES | NIOSH APPROVED SAFETY GLASSES |

Other Protective Clothing or Equipment
PROTECTIVE APRON

Work / Hygienic Practices
WASH HAND AFTER USING MATERIAL

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