



MATERIAL SAFETY DATA SHEET

(According to ANSI Z400.1-2004)

PRODUCT NAME: CBX7200 EMULSION

Previous Issue: August 15, 2010

Date Prepared: MAY 26, 2015

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Name: **Foto Blue EMULSION**

Company: Kolormatrix

Address: 150 Mendel Dr SW, Atlanta GA 30336

Phone: 404-691-0015

Emergency contact: 1-800-424-9300 (CHEMTREC)

Recommended use: Preparing stencils for screen-printing

2. HAZARD IDENTIFICATION OF THE PREPARATION

This preparation is not classified as hazardous according to 29CFR 1910- 1200.

Appearance / Odor: viscous liquid / mild odor Potential Health Effects: See Section 11 for more information Potential Health Effects: Eyes;



CBX7200 EMULSION may be irritating to the eyes. Potential Health Effects: Skin; Repeated exposure may irritation to skin Potential Health Effects: Ingestion; Ingestion of this product may be irritating to the digestive system. Potential Health Effects: Inhalation: No known effect Xi Irritant 36 Irritating to eyes Target Organs: not known this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. Potential Environmental Effects: See Section 12 for more information.

This preparation is not classified as hazardous according to 29CFR 1910- 1200.

Appearance / Odor: viscous liquid / mild odor Potential Health Effects: See Section 11 for more information Potential Health Effects: Eyes; may be irritating to the eyes. Potential Health Effects: Skin; Repeated exposure may irritation to skin Potential Health Effects: Ingestion; Ingestion of this product may be irritating to the digestive system. Potential Health Effects: Inhalation: No known effect Xi Irritant 36 Irritating to eyes Target Organs: not known this product does not contain any carcinogens

or potential carcinogens as listed by OSHA, IARC or NTP. Potential Environmental Effects: See Section 12 for more information.



This chemical is considered nonhazardous according to GHS classifications for the Hazard Communication Standard. Treat all laboratory chemicals with caution. Although this material is considered to be nonhazardous, unpredictable reactions among chemicals are always possible. Prudent laboratory practices should be observed.

According to Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010] According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture CLP • Skin Sensitization 1 - H317 Eye Irritation 2 - H319 Hazardous to the aquatic environment Chronic 3 - H412 EUH208 DSD/DPD • Irritant (Xi) Sensitizer R36, R43, R53

2.2 Label Elements CLP WARNING



Hazard statements

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements Prevention • P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray. P264 - Wash thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. Response • P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P321 - Specific treatment, see supplemental first aid information.

P363 - Wash contaminated clothing before reuse.

Storage/Disposal •

P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Risk phrases • R36 - Irritating to eyes. R43 - May cause sensitization by skin contact.

R53 - May cause long-term adverse effects in the aquatic environment.

Safety phrases • S24 - Avoid contact with skin. S37 - Wear suitable gloves. S45 - In case of accident or if you feel unwell, seek medical advice immediately

(show the label where possible)

2.3 Other Hazards

CLP • No data available

DSD/DPD • No data available

UN GHS

According to Third Revised Edition

2.1 Classification of the substance or mixture

UN GHS • Skin Sensitization 1 - H317 Eye Irritation 2 - H319 Hazardous to the aquatic environment Chronic 3 - H412

2.2 Label elements UN GHS

WARNING



Hazard statements •

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

H412 - Harmful to aquatic life with long lasting effects

Precautionary statements

Prevention •

P261 - Avoid breathing dust, fume, gas, mist, vapors and/or spray.

P264 - Wash thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response •

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P321 - Specific treatment, see supplemental first aid information.

P363 - Wash contaminated clothing before reuse. Storage/Disposal •

P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations

2.3 Other hazards

UN GHS • No data available

United States (US) According to OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture OSHA HCS 2012 • Skin Sensitization 1 - H317 Eye Irritation 2 - H319

2.2 Label elements OSHA HCS 2012

WARNING



Hazard statements

- May cause an allergic skin reaction - H317 Causes serious eye irritation - H319

Precautionary statements Prevention • Avoid breathing dust, fume, gas, mist, vapors and/or spray. - P261 Wash thoroughly after handling. - P264 Contaminated work clothing should not be allowed out of the workplace. - P272 Wear protective gloves/protective clothing/eye protection/face protection. - P280 Response • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338 If eye irritation persists: Get medical advice/attention. - P337+P313 IF ON SKIN: Wash with plenty of soap and water. - P302+P352 If skin irritation or rash occurs: Get medical advice/attention. - P333+P313 Specific treatment, see supplemental first aid information. - P321 Wash contaminated clothing before reuse. - P363 Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501 2.3 Other hazards OSHA HCS 2012 • No data available

Canada According to WHMIS

2.1 Classification of the substance or mixture WHMIS • No data available

2.2 Label elements

WHMIS • Other Toxic Effects - D2B

2.3 Other hazards

WHMIS • No data available

2.4 Other information



3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture in mentioned materials Hazardous components: EINECS-No Name Hazard % content CAS-No. R-phrases Trade Secret Acrylates 36 Xi 9.0-20.0% Additional information: For full detail of risk phrases see Section 16.

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4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention. Place in stable side position and seek medical advice. If breathing is irregular or has stopped, apply artificial respiration.

Skin Contact: Right away flush skin with copious amount of water for at least 10-155 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flammable: no Means of extinction: treat surrounding fire Unsuitable extinguishing media: Hard water stream Flash point: n.a Upper flammable limit: n.a Explosion data impact: n.a Lower flammable limit: n.a Explosion data static: n.a Hazardous combustion

products: typical carbon oxygen compounds. Fire fighters should wear SCBA for fighting fires in enclosed areas. Auto-ignition temp: n.a

6. ACCIDENTAL RELEASE MEASURES

Do not empty large quantities directly into drains. Collect with liquid absorbing material and proceed according to local waste disposal regulations.

7. HANDLING AND STORAGE

Keep container tightly closed and in a cool and well ventilated place. Ensure adequate ventilation. Avoid contact with skin and eyes.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limit: CAS # Name OSHA TWA ACGIH TW No exposure limits established for ingredients Engineering controls General- not required Local exhaust- recommended Other- none Personal Protection Gloves- recommended Respirator- not required Eye- protective goggles recommended Protective footwear- not required Protective clothing- not required Other- none

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: viscous liquid Color: BLUE, Odor: mild Flash point: n.a Ignition temperature: n.a Density: ~1.15 g/cm³ Viscosity: ~14,000 cps @ 20°C Explosion limits: n.a Boiling point: ~212°F (100° C) Vapor density: >1(air=1) Vapor pressure: 25hPa @ 25°C Freezing point: not known pH: 4.00-5.2 Coefficient of water/ oil distribution: not known Volatile Organic Compounds: less than 0.1%

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions (see Section 7). Store as a non-hazardous liquid INCOMPATIBILITY: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure: COMPONENT CAS# LD50 LC50 Acrylate Trade Secret >5,000 mg/kg, oral rat not established General information: Effects of acute exposure: Repeated or prolonged contact causes local irritation of skin and mucous membranes, particularly the eyes. Irritancy of product- possible Skin sensitization- none reported Respiratory sensitization- none known Carcinogenicity- no IARC- no ACGIH - no Reproductive toxicity - none known Teratogenicity - none known Embryo toxicity - none known Mutagenicity - none known Name of synergistic products/effects- none known

12. ECOLOGICAL INFORMATION

Do not empty large quantities into drains or release into open water. Do not store at public waste disposal sites. Product is biodegradable

13. WASTE DISPOSAL INFORMATION

Dispose of as a non-hazardous aqueous waste Empty container: scrap recycling or re-conditioning soiled container: (treatment like product itself)

14. TRANSPORT INFORMATION

ADR: (Europe) Class: Not regulated RID (Europe: RAIL) Class: Not regulated DOT: (USA) Class: Not regulated IATA: (AIR) Class: Not regulated IMDG: (Ocean) Class: not regulated UN # n.a Packaging group: n.a EMS: n.a Marine pollutant:
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REGULATORY INFORMATION Global Inventories (components): TSCA: United States - included DSL: Canada - included ENCS: Japan - included EINECS: Europe - included California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition. Has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of information required by the CPR, and it is not classified as a hazardous material. Labeling Xi R-phrases: 36 Irritating to eyes S-phrases: 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention Special labeling: n.a National Regulation for Germany: Water pollution class: 1

SECTION 15 — REGULATORY INFORMATION

Not listed.

16. OTHER INFORMATION

HMIS: Health 1

Flammability 0

Reactivity 0

Text of risk phrases mentioned in Section 2: Xi Irritant 36 Irritating to eyes For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

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