



SAFETY DATA SHEET

MX400, MX434, MX444, MX4148, MX4156, and MX4190

ISSUE DATE: 7/14/20

1. PRODUCT IDENTIFICATION

PRODUCT NAME PRO MX 400 MIXING BLUE
CHEMICAL FAMILY REACTIVE AZO
T.S.C.A. STATUS IN COMPLIANCE
RECOMMENDED PRODUCT USE . TEXTILE MANUFACTURING
RESTRICTED PRODUCT USE . FOR INDUSTRIAL USE ONLY
SUPPLIED BY G&K CRAFT INDUSTRIES
126 SHOVE STREET
FALL RIVER, MA 02724
PHONE: 508-676-3883

Emergency Telephone Numbers:
800-255-3924 ChemTel. (United States)
+ 1 01 813-248-0585 (Outside the United States)

2. HAZARDS IDENTIFICATION

GHS Classification: Health Category 2A- Eye Irritant
Health Category I-Skin Sensitizer
Health Category 5-Oral Toxicity



Pictogram:

Signal Word: Warning

Hazard Statements: H317: May Cause an Allergic Skin Reaction
H319: Causes Eye Irritation
H303: Maybe Harmful if Swallowed

Precautionary Statements:

P264: Wash face, hands, and any exposed skin thoroughly after handling.

P280: Wear protective gloves/ protective clothing/eye protection/face protection

P270: Do not eat, drink, or smoke when using this product.

P260: Do not breathe dust/fume/gas/mist/vapors/spray

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 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 for 15 minutes.

P332 + P313 If skin irritation occurs, get medical advice/attention.

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a comfortable position for breathing.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Reactive Blue 4 (13324-20-4) 85 – 95% Irritant

The exact ingredient percentages and composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

GENERAL INFORMATION: IMMEDIATELY REMOVE ALL CONTAMINATED CLOTHING

EYE CONTACT Wash immediately with large amounts of water for 15 minutes, lifting the upper and lower lids until no evidence of product remain. Get medical attention immediately. Do not wear contact lenses while handling.

SKIN CONTACT Remove all contaminated clothing immediately. Wash immediately with soap and plenty of water. If a temporary skin reaction occurs, it should be treated as allergic contact dermatitis. Launder contaminated clothing before reuse.

INGESTION Dilute with water. Get medical attention. Never give fluids or induce vomiting if patient is unconscious or has convulsions.

INHALATION If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a physician.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

The most significant symptoms and effects are described in the labelling (see section 2) and/or in section 11

INDICATION OF ANY SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

5. FIREFIGHTING MEASURES

FLASH POINTNot Applicable

EXTINGUISHING MEDIADry Chemical, Foam, Water Fog

SPECIAL FIRE FIGHTING PROCEDURES/UNUSUAL FIRE OR EXPLOSION HAZARDS:

Firefighters should be equipped with protective clothing & self-contained breathing apparatus to protect against potentially toxic & irritating fumes. In case of fire or explosion, keep unnecessary people away. Isolate hazard area & any entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

ADDITIONAL INFORMATIONAvoid dusting conditions. May form explosive dust mixtures with air.

6. ACCIDENTAL RELEASE MEASURES

IN CASE MATERIAL IS RELEASED/SPILLED:

Avoid formation and deposition of dust. Do not empty into drains or waters. Do not touch or walk through the spilled material: stop leak if you can do it without risk. Take up with sand or other non-combustible absorbent material or suitable vacuum and place into labeled sealable containers. For further disposal measures see section 13.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

In accord with good industrial practice, handle with care and avoid personal contact

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container protected from direct sunlight in a dry, cool and in a well-ventilated area.

Keep the container tightly sealed and away from any incompatible materials (see Section 10).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

APPROPRIATE ENGINEERING CONTROLS:

Handle with good industrial practices and industrial hygiene. Wash hands after use.

GENERAL PROTECTIVE MEASURES:

Do not breathe dust. Avoid contact with eyes and skin. Immediately remove all contaminated clothing.

EYE PROTECTIONEmployees should wear protective eye-goggles with side protection shield.

SKIN PROTECTIONEmployees should avoid skin contact by wearing protective clothing. Long sleeve shirts, pants, gloves e.g. of PVC or nitrile rubber, and boots are recommended. Additional protections such as impervious suits are recommended when the potential for dermal contact is significant. Employees should wash their hands and face before eating and drinking and shower thoroughly before leaving work. Keep away from food and drink stuffs.

RESPIRATORY PROTECTION Inhalation of dust and aerosols must be absolutely prevented by the use of a NIOSH approved dust respirator.

VENTILATIONUse local ventilation.

OTHERWear overalls, apron or other protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE POWDER
COLOR BLUE
ODOR NONE
ODOR THRESHOLD NA
SOLUBILITY IN WATER 60 g/l @40C
BULK DENSITY ND
RELATIVE DENSITYNA
VISCOSITYNA
pH7.0-7.5-6.0
MELTING POINT/FREEZING POINT NA
PARTITION COEFFICIENT: N-OCTANOL/WATER ND
BOILING POINTNA
VAPOR PRESSURE NA
VAPOR DENSITY NA
EVAPORATION RATENA
FLAMMABILITY NA
FLASH POINT NA
INGINITION TEMP NA
DECOMPOSITION TEMPERATURE ..ND
UEL NA
LELNA
% VOLATILE: VALUE: 0.00 UNIT: % COMMENT:

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: No thermal decomposition when stored and handled correctly.
POSSIDILITY OF HAZARDOUS REACTIONS: In the case of dusty organic products the possibility of a dust explosion should always be considered.
CHEMICAL STABILITY Stable
INCOMPATABLE MATERIALS: None
HAZARDOUS DECOMPOSITION PRODUCTS CO₂, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID Avoid dusting conditions and sparks/flame.
REACTIVITY Will not occur

11. TOXICOLOGICAL INFORMATION

ANIMAL TOXICITY ORAL - LD50 (INGESTION)> 2000 mg/kg (RAT)
FISH, LC50:> 100 mg/l (96h, Oncorhynchus mykiss)
EYE EFFECTS..... IRRITANT (RABBIT)
SKIN EFFECTSNON- IRRITANT (RABBIT)
SENSITIZATIONHAS A POSSIDLE SENSITISING EFFECT

PRIMARY ROUTE OF EXPOSURE

INHALATION:	YES	SKIN ABSORPTION:	NO	INGESTION:	NO
SKIN CONTACT:	YES	EYE CONTACT:	YES		

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO ACGIH: NO
HMIS: 1 0 0 E

CRONIC EFFECTS OF OVEREXPOSURE

This product belongs to a class of dyestuffs in which occasional cases of respiratory sensitization have been observed. Such attacks can be fatal. Prolonged or repeated contact with this material might increase the likelihood of an individual developing a sensitization to this material. Individuals with known allergies should avoid all contact with this product.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Irritating to the eyes. May be irritating to the skin and respiratory tract. May cause allergic respiratory reaction in certain individuals. Symptoms include coughing, tightness of chest, shortness of breath and other asthma like symptoms. It is possible that subsequent dermal exposures may cause the same symptoms in sensitized individuals. Individuals with chronic respiratory illness may be more susceptible to the effects of this material.

MEDICAL CONDITIONS AGGRAVATED

Persons with any pre-existing skin, eye, or respiratory condition may be more susceptible to the effects of this product.

12. ECOLOGICAL INFORMATION

BIODEGRADABILITY: 20 – 50%
BACTERIA TOXICITY: > 10 mg/l (ACTIVATED SLUDGE)
AOX: 8.5% POTENTIAL

13. DISPOSAL CONSIDERATIONS

PRODUCT:If utilization or recycling of the product is not possible, it should be disposed of in accordance with existing federal, state and local environmental regulations, e.g. by incineration in a suitable plant.
UNCLEANED PACKAGING: Soiled, empty containers are to be treated in the same way as the contents.

14. SHIPPING DATA

PROPER SHIPPING NAME: NON-HAZARDOUS INK MATERIAL
D.O.T. HAZARD CLASSIFICATION: NOT REGULATED
FRT. CLASS PACKAGE: 55

IATA: NON-REGULATED

IMDG: NON-REGULATED

15. REGULATORY DATA

US REGULATIONS:

TSCA: The components of this product are listed on the TSCA Inventory

SARA 313: This product is not subject to SARA Title III Section 313 reporting requirements under 40 CFR 372.

SARA 312:	Immediate (acute) health hazard	Yes
	Delayed (chronic) health hazard	Yes
	Fire hazard	No
	Sudden Release of Pressure	No
	Reactivity	No

This product is not subject to the German Ordinance that bans certain azo dyes or the 19th Amendment of the Council Directive 76/769/EEC.

CALIFORNIA PROPOSITION 65: This product does not contain components currently on the California List of Known Carcinogens and reproductive Toxins.

16. OTHER INFORMATION

This company warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in its directions for use, subject to the inherent risks referred to in the material safety data sheet for this product. This company makes no other expressed or implied warranty of fitness or merchantability or any other expressed or implied warranty. In no case shall this company be liable for consequential, special, or indirect damages resulting from the use or handling of this product.

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