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SAFETY DATA SHEET

MX520

ISSUE DATE: 1/17/17

1. PRODUCT IDENTIFICATION

PRODUCT NAME: Brick MX520
CHEMICAL FAMILY: REACTIVE DYESTUFF
T.S.C.A. STATUS: IN COMPLIANCE

SUPPLIER: G&K Craft Industries
126 Shove Street
Fall River, MA 02724

Emergency Telephone Numbers:
800-255-3924 ChemTel. (United States)
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2. HAZARDS IDENTIFICATION

GHS Classification: Health Category 2A - Eye Irritant
Health Category 1 – Skin Sensitizer
Health Category 5 – Oral Toxicity
Environmental Category 3 – Chronic Aquatic Toxicity



Pictogram

Signal Word: Warning

Hazard Statements: H317: May Cause an Allergic Skin Reaction
H319: Causes Serious Eye Irritation
H412: Harmful to aquatic life with long-lasting effects
H303: May be 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
P273: Avoid release to the environment
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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Reactive Red 2 (17804-49-8) 18.4% Causes serious eye irritation. May cause an allergic skin reaction.

The exact ingredient percentages and composition of non-hazardous components have 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 POINT: Not Applicable

EXTINGUISHING MEDIA: Dry 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 INFORMATION Avoid dusting conditions. May form explosive dust mixtures with air.

6. ACCIDENTAL RELEASE MEASURE

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 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 PROTECTION: Employees should wear protective eye-goggles with side protection shield.

SKIN PROTECTION: Employees 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.

VENTILATION: Use local ventilation.

OTHER: Wear overalls, apron or other protective clothing.

9. PHYSICAL DATA

APPEARANCE:	POWDER
COLOR:	RED
ODOR:	NONE
ODOR THRESHOLD	ND
SOLUBILITY IN WATER:	100 g/l at 60°C
BULK DENSITY	400-800 kg/m ³
RELATIVE DENSITY	NA
VISCOSITY	ND
pH:	7.0 - 7.5
MELTING POINT/FREEZING POINT	ND
PARTITION COEFFICIENT: N-OCTANOL/WATER	ND
BOILING POINT	ND
VAPOR PRESSURE	ND
VAPOR DENSITY	ND
EVAPORATION RATE	ND
FLAMMABILITY	NON COMBUSTIBLE
FLASH POINT	>212°F
IGNITION TEMP:	ND
DECOMPOSITION TEMPERATURE	ND
UEL	ND
LEL	ND

% VOLATILE: VALUE: 0.70 UNIT: % COMMENT: de-dusting oil

10. STABILITY AND REACTIVITY

THERMAL DECOMPOSITION: ND
HAZARDOUS REACTIONS: None Expected
CHEMICAL STABILITY:.....Stable
INCOMPATIBLE MATERIALSStrong oxidizing agents
HAZARDOUS DECOMPOSITION PRODUCTSCO₂, CO, SULFUR OXIDES, NITROGEN OXIDES
CONDITIONS TO AVOID.....In the case of dusty organic products the possibility of a dust explosion should always be considered. Avoid generation of dust.
HAZARDOUS POLYMERIZATION.....Will not occur

11. TOXICOLOGICAL DATA

ANIMAL TOXICITY ORAL - LD ₅₀ (INGESTION):	>2000 (RAT)
FISH, LC ₅₀ :	10-100 mg/l (48h, oncorhynchus mykiss)
EYE EFFECTS:	IRRITANT
SKIN EFFECTS:	NON-IRRITANT
SENSITIZATION:	SENSITIZER (Mouse)

PRIMARY ROUTE OF EXPOSURE

INHALATION: YES
SKIN CONTACT: YES

SKIN ABSORPTION: NO
EYE CONTACT: YES

INGESTION: NO

CARCINOGEN STATUS

IARC: NO NTP: NO OSHA: NO

HMIS: 2 1 0 E

CHRONIC 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, 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: ND
BACTERIA TOXICITY: ND
AOX: > 6.0%

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 contains the following components currently on the California List of Known Carcinogens and reproductive Toxins.

Formaldehyde (50-00-0) 122 ppm

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 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.

MSDS Created: March 1, 2012

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