

MATERIAL SAFETY DATA SHEET

Date-Revised: 02/02/2016

Color Magnet -for Silk Screening-
CHM3900, CHM4900

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Color Magnet

PRODUCT DESCRIPTION: Yellow Powder

PRODUCT FORMULATION NAME: Color Magnet

24 HR. EMERGENCY TELEPHONE NUMBERS

In USA call CHEMTREC: 1 800 262-8200

2. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Expected to cause significant irritation to the eyes.

SKIN: Could cause irritation and discomfort.

INHALATION: If inhaled remove himself/her-self to fresh air.

IRRITANCY: May cause mild skin irritation, serious eye irritation, Causes systemic toxicity and damages to respiratory system through prolonged or repeated exposure.

PHYSICAL HAZARDS: Do not eat, drink when using this product. Do not breathe dust/ fumes/gas/ mist/ vapors/ or spray of this product.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS	%
COPOLYMER OF ACRYLAMIDE/ACRYLONITRILE/ N2-VINYLAcrylamidine-HCL(1/1)/ N- VINYLACRYLAMIDE/ VINYLAMINE-HCL(1/1)/ N-VINYLFORAMAMIDE (ABBREVIATION:PVFY)	169874-00-4	.5%

4. FIRST AID MEASURES

EYES: Remove contact lenses if worn. Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Seek immediate medical attention.

SKIN: Immediately flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists. Remove contaminated clothing and shoes. Clean contaminated clothing or shoes

before re-use.

INGESTION: Immediately induce vomiting! Give the person one or two glasses of water. Contact local poison control center or physician immediately. When vomiting occurs, keep head to side. Call a doctor immediately.

INHALATION: Seek medical advice/attention in the event of any abnormalities.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder.

FIRE FIGHTING EQUIPMENT: Safety eye protection, rubber safety gloves and respiratory protective equipment.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Wipe the affected area and collect spilled material. Wash the affected area with water.

SPECIAL PROTECTIVE EQUIPMENT: Wear appropriate PPE such as respiratory, safety glasses, rubber safety gloves and appropriate clothing to avoid absorption through skin, contact with eyes or inhalation, if product is being used in large volumes.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep areas where product is being stored or handled well ventilated. Practice good house keeping.

HANDLING: Avoid breathing, mist or vapor, work in a well-ventilated, or extracted area. Avoid contact with skin and eyes.

STORAGE: Store in tightly closed containers. Store in area that is cool, dark and dry.

STORAGE TEMPERATURE: Avoid storage in direct sunlight and high temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Adequate ventilation is normally required when handling or using this material.-- If vapor, or mist is generated, provide local exhaust ventilation to prevent airborne exposure.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Avoid eye contact. Wear safety spectacles, goggles or, for larger quantities, a full face mask.

SKIN: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing and protective apron.

RESPIRATORY: Use proper dust respirator.

PROTECTIVE CLOTHING: Gloves, coveralls, apron and boots - as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Yellow

ODOR: Distinctive odor APPEARANCE: Yellow powder COLOR: Yellowish

SOLUBILITY IN WATER: Soluble in water; transforms to a highly viscous solution or gel state.

SPECIFIC GRAVITY: bulk specific gravity: 0.6~0.65g/ ml

VISCOSITY: Approximately 14,000-20,000 cps

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No

STABILITY: This product is stable under ordinary conditions of use and storage.

POLYMERIZATION: Polymer Exempt

CONDITIONS TO AVOID: - Heat.- Water.

COMMENTS: Hazardous hydrochloric acid gas is formed but no cloud of cyanide fume is formed by the general combustion in the air.

Hazardous cloud of cyanide fume is formed by heating under an inert gas atmosphere of partial combustion.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: This material is expected to cause significant irritation to the eyes.

SKIN EFFECTS: Skin contact - May cause skin irritation; Skin Absorption: May be harmful if absorbed through skin.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Acute aquatic toxicity: Fish Species *Oryzias latipes* LC50 (48hours) freshwater 0.73mg/L 19), seawater 0.98mg/ L17)

Chronic aquatic toxicity: Degradability: not degradable 15) Bioaccumulation potential: *Cyprinus carpio* Low accumulation potential 16) Others: Seeding assay for *Brassica rapa* var. *peruviridis*(Komatsuna)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Incinerate in small quantities using an incinerator equipped with an exhaust gas treatment facility to prevent formation of hydrochloric acid gas during combustion of cyanide fume formation from partial combustion. (Incinerate used containers and bags used for packaging) Or, commission to registered contractor based on appropriate regulations. Avoid mixing with other chemicals.

Dispose of material in accordance with local chemical disposal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

OTHER SHIPPING INFORMATION: Although this material is considered a Marine Pollutant in Japan we do not have any data to support its classification as such under U.N. Regulations or U.S. D. O. T. regulations.*

AIR (ICAO/IATA) UN/NA NUMBER: 3077

PRIMARY HAZARD CLASS/DIVISION: 9

PACKING GROUP: 3

NOTE: Environmentally Hazardous Substance, Solid N.O.S.

VESSEL (IMO/IMDG)

SHIPPING NAME: Environmentally Hazardous Substances, Solids, N.O.S.

NOTE: Precautions:

Exposure to water is strictly prohibited.*

When transporting, handle with care and prevent fall, damage and collapse of cargo.

UN classification: 9 / UN reference # 3077*

Proper Shipping Name: Environmentally hazardous substance, solid, N.O.S.*

Category of Package in UN:III*

First aid guidance number: 171

Packaging Method: Paper bag (interior: polyethylene, exterior: paper, polyethylene, paper laminate)

*See above statement under "OTHER SHIPPING INFORMATION:"

15. REGULATORY INFORMATION

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All functional components of this product are listed on the TSCA inventory.

16. OTHER INFORMATION

REASON FOR ISSUE: Revision

TITLE: Product Stewardship Manager

INFORMATION CONTACT: Product Stewardship Analyst

REVISION SUMMARY: Revision #: 6. This MSDS replaces the January 19, 2011 SDS.

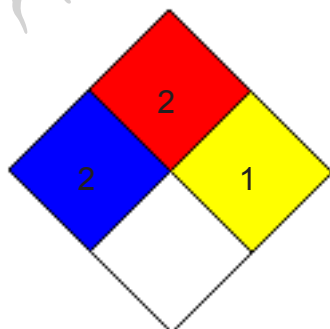
Any changes in information are as follows: In Section 14: Air (IATA /ICAO)

- Primary Hazard Class/Division, Air (IATA/ICAO) - Packing Group,

Air (IATA /ICAO) - UN/NA Number, Air (IATA /ICAO) -

Note. In Section 15: TSCA Status.

NFPA CODES



GENERAL STATEMENTS: For industrial use only!

These data are offered in good faith as typical values and not as a product specification. No warranty either expressed or implied, is made. The recommended handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use.

MANUFACTURER DISCLAIMER: Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users.



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