

# SAFETY DATA SHEET

NAME OF PRODUCT: PROCION DYE  
30/03/2016

SDS DATE:

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: Procion MX Fabric Dye

MANUFACTURER: Colourcraft Colours & Adhesives Limited  
ADDRESS: Unit 5 555 Carlisle Street East Sheffield S4 8DT United Kingdom

EMERGENCY PHONE: +44 (0)114 242 1431 (09.00-17.00 hours GMT Mon-Fri)  
FAX PHONE: +44 (0)114 242 1431  
FURTHER INFORMATION OBTAINABLE FROM: enquiries@colourcraft-ltd.com

PRODUCT USE: Textile Dye

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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INGREDIENT: Mixture of Procion MX dyes  
CAS NO. N/A  
T.S.C.A. Status: Compliance  
Current TLV's: None

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## SECTION 3: HAZARDS IDENTIFICATION

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### CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

HAZARDOUS COMPONENTS: None  
While this material is not considered hazardous, this SDS contains valuable information regarding the safe handling and proper use of this product. This SDS should be retained and made available for employees and other users of this product.

PHYSICAL HAZARDS: Not Classified  
HEALTH HAZARDS: No known significant or critical hazards - See below  
ENVIRONMENTAL HAZARDS: Not Classified

LABEL ELEMENTS: See instruction sheet for full instructions.  
SIGNAL WORD: WARNING

PRINCIPAL HAZARDS: Prolonged contact with skin and eyes may cause irritation.

PRECAUTIONARY STATEMENTS: Do not inhale. Not a food – do not ingest. Avoid skin and eye contact. Handle in accordance with good industrial hygiene. Solubilise with water before using with children – adult supervision required.

ACUTE HEALTH HAZARDS: Not Classified  
CHRONIC HEALTH HAZARDS: Not Classified

OTHER HAZARDS: This product does not contain any substances classified as PBT or vPvB

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## SECTION 4: FIRST AID MEASURES

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EYES: In case of eye contact, irrigate immediately with water for at least ten minutes. Should irritation occur, seek medical advice.

SKIN: Wash thoroughly with soap and water.

INGESTION: In the event of accidental ingestion of the powder or the solution, wash out mouth thoroughly with water, give plenty of water to drink. In the unlikely event of sensitivity, seek medical advice.

INHALATION: Non-volatile but if symptoms due to inhalation are observed, remove person to fresh air.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: No specific recommendations. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

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**SECTION 4 NOTES:** Possibility and/or severity of symptoms described will vary dependent upon the concentration, quantities and length of exposure involved i.e. industrial volumes used in a factory environment or minimal quantities used for art and craft projects - risk management should be undertaken by experienced personnel only, as this needs to be borne in mind when interpreting the likelihood of risk.

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## SECTION 5: FIRE-FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** Use extinguishing media appropriate to the surrounding fire conditions. Carbon dioxide, dry powder, water fog or alcohol resistant foam

**ADVICE FOR FIREFIGHTERS:** Use self-contained breathing apparatus, gloves and protective goggles

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No special hazards arising from the product

**SECTION 5 NOTES:** In the event of fire, keep unauthorized personnel away from the area. Isolate area and entry. Ventilate closed spaces before entering.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:** Ensure adequate ventilation of the working area, particularly over mixers, fillers and other machinery. Avoid inhalation of dust. Wear protective clothing as described in Section 8 of this safety data sheet.

**ENVIRONMENTAL PRECAUTIONS:** Do not allow product to enter water courses

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:** Powder – sweep up. Solution – absorb with kitchen roll. Solution – large quantities; absorb material with sand or inert material. Clean up are with soap and water.

If Procion dye gets on clothes, wash first with cold water until most of the paint has been removed, then wash with warm water and soap flakes. As with any paints, avoid using detergents and biological powders.

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## SECTION 7: HANDLING AND STORAGE

**HANDLING AND STORAGE:** Product should be handled with care to avoid staining. Avoid ingestion, inhalation, skin and eye contact. Adopt best Manual Handling considerations. Handle in accordance with good industrial hygiene practice and any legal requirements. Keep containers tightly closed. Store in a cool, dry, well ventilated area. Keep out of the reach of children and animals. Avoid damp conditions as this can adversely affect the effectiveness of the dye.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**APPROPRIATE ENGINEERING CONTROLS:** Provide adequate general and local exhaust ventilation as needed, particularly over mixers, fillers and other machinery. Provide eyewash station.

**RESPIRATORY PROTECTION:** Non-volatile but as appropriate to the situation and the quantity handled in powder form. The use of a mask is recommended particularly during prolonged use.

**EYE PROTECTION:** Wear suitable glasses/goggles.

**SKIN PROTECTION:** Working clothes. Rubber Gloves to avoid staining.

**WORK HYGIENIC PRACTICES:** Use and maintain good industrial hygiene and follow best practices for site management. Avoid skin and eye contact by wearing impervious gloves and goggles. Always wash hands after use and at the end of each work shift. Do not eat, smoke or drink when mixing, filling, handling, carrying and dispensing the product. Wear apron or protective clothing in case of splashes.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE:	De-duster Powder
ODOUR:	None
FLASH POINT:	N/A
FLAMMABILITY (solid/gas)	N/A
VAPOUR PRESSURE	N/A
pH	6.5 10g/litre
MELTING POINT	N/A
INITIAL BOILING POINT:	N/A
VAPOR DENSITY:	N/A
RELATIVE DENSITY:	N/A
FAT SOLUBILITY	N/A
PARTITION COEFFICIENT	No Data available
AUTOIGNITION TEMP	N/A
EXPLOSIVE PROPERTIES:	No Data available
OXIDISING PROPERTIES:	None
EVAPORATION RATE:	N/A
SOLUBILITY:	Soluble in water; 30g/litre at 30°C

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## SECTION 10: STABILITY AND REACTIVITY

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CONDITIONS TO AVOID: None known  
INCOMPATIBLE MATERIALS: None known.  
HAZARDOUS DECOMPOSITION PRODUCTS: None known

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: Non Toxic; Acute Oral LD50 >2000mg/kg  
SKIN CONTACT: Non-irritant EC83  
EYE CONTACT: Non-irritant EC83

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Use according to proper working procedures which minimise waste. Do not allow to contaminate water courses.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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UNUSED MATERIAL: Dispose of small quantities as household waste but in accordance with any regional and national regulations.

UNUSED PACKAGING: In accordance with any regional and national regulations.

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## SECTION 14: TRANSPORT INFORMATION

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GENERAL: The product is not classified as dangerous and is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

UN NUMBER:	N/A
UN PROPER SHIPPING NAME:	N/A
TRANSPORT HAZARD CLASS(ES):	No Transport warning sign required
PACKING GROUP:	N/A
LABEL STATEMENTS:	N/A
SPECIAL PRECAUTIONS FOR USER:	N/A
TRANSPORT IN bulk according to Annex II of MARPOL 73/78 and the IBC Code:	N/A

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## SECTION 15: REGULATORY INFORMATION

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EU LEGISLATION: Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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Regulation (EC) No 1272.2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).  
Regulation (EU) 2015/830 of the 28 May 2015 amending Regulation (EC) No. 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

**GUIDANCE:** Workplace Exposure Limits EH40

**AUTHORISATIONS:** (Title VII  
Regulation 1907/2006): No specific authorisations are known for this product

**RESTRICTIONS:** (Title VIII  
Regulation 1907/2006): No Specific restrictions on use are known for this product

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## SECTION 16: OTHER INFORMATION

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All dyes supplied by Colourcraft C&A Limited have been approved as safe for use and none are subject to either the German Ordinance or the 19<sup>th</sup> Amendment of the Council Directive 76/769/EEC banning the use of certain azo dyes. They do not contain any dissolvable heavy metals.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. This information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

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Colourcraft C&A Limited  
Unit 5 Carlisle Court  
555 Carlisle Street East  
Sheffield  
S4 8DT  
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Email: [enquiries@colourcraft-ltd.com](mailto:enquiries@colourcraft-ltd.com)

## **SDS – Safety Data Sheets**

Safety Data Sheets are prepared by the manufacturer of a material and contain information on how to work safely with a substance. They include information such as physical and chemical data, health, environment, safe working practices with the material, fire, storage, overexposure etc.

Safety Data Sheets should be studied carefully and their contents noted. However, these sheets are primarily intended for use in an industrial work place setting where large volumes of material are produced on a daily basis, rather than for small scale use by the consumer. Please bear this in mind when undertaking risk management and interpret the likelihood of risk accordingly. If you would like any additional help or advice please telephone (+) 44 114 242 1431

Based on many years of experience in the industry, we carefully monitor all products in line with the latest world-wide legislation to ensure that they continue to meet strict statutory requirements in terms of safety, as well as adhering to our own exacting standards. All dyestuffs and pigments manufactured and used by Colourcraft C&A Limited are compliant with the 5<sup>th</sup> amendment of the German Consumer Goods Ordinance April 18 1997 (re-published on December 23 1997 and the 6<sup>th</sup> amendment of March 8 2000) and the EC Directive 2002/61/EC. All of our printing and fabric paint systems are water-based – 100% solvent free.

All our products comply with all the latest requirements.

However, the same sensible precautions should be taken when working in the art room as would be taken if working with products at home, in the garden or in the work place.

Care should always be taken to avoid inhalation of fine powders, whether these are dyes, other chemicals, flour or even icing sugar, particularly when used extensively. The same applies to mists and sprays. In the event of previous sensitivity to any art, dye or household products or for persons suffering from asthma or any other respiratory problems, we recommend consulting a physician before using art and craft products.

Avoid eye or skin contact or ingesting the product and wear protective clothing where necessary. Children should be supervised.

Keep containers closed and out of reach of young children and pets. Handle products in accordance with good standards of hygiene and safety practices.