

SAFETY DATA SHEET

CANDY DYE INDIGO BLUE

Compilation date: 01/02/2015

Revision date: 16/02/2022

Revision No: 4

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: CANDY DYE INDIGO BLUE

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: CREATIVE PAINT LTD

24/6 DRYDEN ROAD
BILSTON GLEN IND. EST.
LOANHEAD
MIDLOTHIAN
EH20 9HX

Email: [Hello@creativepaints.co.uk](mailto>Hello@creativepaints.co.uk)

1.4. Emergency telephone number

Emergency tel: 0131 440 9804 (Main Telephone number)
(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3: H226; Skin Irrit. 2: H315; Acute Tox. 4: H332; -: EUH208

Most important adverse effects: Contains 2, 3-epoxypropyl neodecanate. May produce an allergic reaction. Flammable liquid and vapour. Causes skin irritation. Harmful if inhaled.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains 2, 3-epoxypropyl neodecanate. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H315: Causes skin irritation.

H332: Harmful if inhaled.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



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Signal words: Warning

Precautionary statements: P102: Keep out of reach of children.
P264: Wash hands thoroughly after handling.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground/Bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+352: IF ON SKIN: Wash with plenty of water/.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with.
P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312: Call a if you feel unwell.
P332+313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing.
P370+378: In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.
P403+235: Store in a well-ventilated place. Keep cool.
P501: Dispose of contents/container to hazardous waste according to local and regional regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

CYCLOHEXANONE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-631-1	108-94-1	-	Flam. Liq. 3: H226; Acute Tox. 4: H332	30-50%

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XYLENE

215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	10-30%
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N-BUTYL ACETATE

204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	1-10%
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1-METHOXY-2-PROPANOL

203-539-1	107-98-2	-	Flam. Liq. 3: H226; STOT SE 3: H336	1-10%
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2-METHOXY-1-METHYLETHYL ACETATE

203-603-9	108-65-6	Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226	1-10%
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2, 3-EPOXYPROPYL NEODECANATE

-	26761-45-5 247-979-2	-	Skin Sens. 1: H317; Muta. 2: H341; Aquatic Chronic 2: H411	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Do not use solvents or thinners.

Eye contact: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses. Consult a doctor.

Ingestion: Consult a doctor. Do not induce vomiting. Keep at rest.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Keep patient warm and at rest. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious place in recovery position and seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin. The product may be absorbed through the skin.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Alcohol resistant foam. Dry chemical. Carbon dioxide. Use water spray to cool containers. Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion. Exposure to decomposition

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products may be a hazard to health. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Solvent vapours are heavier than air and may spread along floors. Ensure adequate ventilation. Wear a mask, gloves and protective clothing. Evacuate the area immediately. Keep people away from and upwind of spill/leak.

6.2. Environmental precautions

Environmental precautions: Do not allow to enter sewers/surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean with detergents. Avoid solvents. Contain spillage. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Clean contaminated surface thoroughly. Dispose of as hazardous waste.

6.4. Reference to other sections

Reference to other sections: Refer to section 15.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid exceeding exposure limits. Ensure there is exhaust ventilation of the area. Earth any equipment used in handling. Do not eat or drink in work area. Avoid contact with skin, eyes and clothing. Avoid contact and inhalation of vapours. Thoroughly mix before use. After use, store in a well-sealed container. Prevent the formation of flammable or explosive concentrations of vapour in air. This product should only be used in areas from which all naked lights and other sources of ignition have been excluded.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Ensure lighting and electrical equipment are not a source of ignition. Keep away from direct sunlight. Keep away from sources of ignition. Keep container tightly closed. Store containers upright to prevent leakage. Store between 5C and 35C in a dry, well ventilated place.

7.3. Specific end use(s)

Specific end use(s): Paints, varnishes and enamels. Coloured clearcoat.

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

CYCLOHEXANONE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	10 ppm	20 ppm	-	-

XYLENE

UK	220 mg/m ³	441 mg/m ³	-	-
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N-BUTYL ACETATE

UK	724 mg/m ³	966 mg/m ³	-	-
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1-METHOXY-2-PROPANOL

UK	375 mg/m ³	560 mg/m ³	-	-
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2-METHOXY-1-METHYLETHYL ACETATE

UK	274 mg/m ³	548 mg/m ³	-	-
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DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is exhaust ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection: Respirator with combination filter for vapour/particulate (EN 141).

Hand protection: Protective gloves. Ensure gloves are manufactured/tested in accordance with BS EN 374. Wash hands after use.

Eye protection: Safety glasses with side-shields. Chemical resistant goggles.

Skin protection: Protective clothing. Antistatic boots.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Indigo blue

Odour: Solvent like.

Flash point°C: >23 - 55

9.2. Other information

Other information: No data available.

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Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Oxidising agents. Strong alkalis. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide. In combustion emits toxic fumes of carbon monoxide. In combustion emits toxic fumes of nitrogen oxides. Emits dense black smoke.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

CYCLOHEXANONE

ORL	MUS	LD50	1400	mg/kg
ORL	RAT	LD50	1620	µl/kg
SCU	RAT	LD50	2170	mg/kg

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

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1-METHOXY-2-PROPANOL

IVN	RAT	LD50	4200	mg/kg
ORL	MUS	LD50	11700	mg/kg
ORL	RAT	LDLO	3739	mg/kg

2-METHOXY-1-METHYLETHYL ACETATE

IPR	MUS	LD50	750	mg/kg
ORL	RAT	LD50	8532	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin. The product may be absorbed through the skin.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: This product contains substances dangerous to the environment. (See section 3).

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: This product should not be allowed to enter drains, water courses or the soil. Must not be disposed together with household waste. Dispose of waste and residues in accordance with local and regional regulations.

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NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

H226: Flammable liquid and vapour.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H332: Harmful if inhaled.

H336: May cause drowsiness or dizziness.

H341: Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411: Toxic to aquatic life with long lasting effects.

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Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.