

SAFETY DATA SHEET

KOLORBOND ORIGINAL

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Compilation date: 15/9/15

Revision No: 2

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

1.1. Product identifier

Product name: KOLORBOND ORIGINAL

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

Use of substance / mixture: PC9a: Coatings and paints, thinners, paint removers.

1.3. Details of the supplier of the safety data sheet

Company name: Technispray Paints Ltd

Linton House

Catherine Street

Aston

Birmingham

B6 5RS

UK

Tel: 0121 326 8020

Email: info@kolorbond.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; STOT SE 3: H335; Acute Tox. 4: H332; Aquatic Chronic 3: H412; Flam. Liq. 2: H225; -: EUH208

Most important adverse effects: Contains light stabilizer. May produce an allergic reaction. Highly flammable liquid and vapour. Causes serious eye irritation. Harmful if inhaled. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH208: Contains light stabilizer. May produce an allergic reaction.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

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Precautionary statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting/.. equipment.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear ear protective gloves/protective clothing/eye protection/face protection>.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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:

4-METHYLPENTAN-2-ONE

EINECS	CAS	PBT / W EL	CLP Classification	Percent
203-550-1	108-10-1	-	Flam. Liq. 2: H225; Acute Tox. 4: H332; Eye Irrit. 2: H319; STOT SE 3: H335; -: EUH066	50-70%

CYCLOHEXANONE

203-631-1	108-94-1	-	Flam. Liq. 3: H226; Acute Tox. 4: H332	10-30%
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ETHYL METHYL KETONE

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	10-30%
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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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LIGHT STABILIZER

-	-	-	Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<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. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor. Transfer to hospital if there are burns or symptoms of poisoning.

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Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If unconscious and breathing is OK, place in the recovery position. Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. Transfer to hospital as soon as possible.

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

Skin contact: There may be irritation and redness at the site of contact. Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and redness.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Water spray.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Contain the spillage using bunding. Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a suitable container. Do not use equipment in clean-up procedure which may produce sparks. Refer to section 13 of SDS for suitable method of disposal.

6.4. Reference to other sections

[cont...]

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Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is exhaust ventilation of the area. Avoid the formation or spread of mists in the air. Earth any equipment used in handling. Smoking is forbidden. Use non-sparking tools. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Keep away from direct sunlight. Avoid incompatible materials and conditions - see section 10 of SDS.

Suitable packaging: Must only be kept in original packaging. Steel drums.

7.3. Specific end use(s)

Specific end use(s): PC9a: Coatings and paints, thinners, paint removers.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

4-METHYLPENTAN-2-ONE

Workplace exposure limits:

Respirable dust

State	8 hour TW A	15 min. STEL	8 hour TW A	15 min. STEL
UK	208 mg/m ³	416 mg/m ³	-	-

CYCLOHEXANONE

UK	25 ppm	100 ppm	-	-
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ETHYL METHYL KETONE

UK	600 mg/m ³	899 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 lighting and electrical equipment are not a source of ignition. Ensure there is exhaust ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Gloves (solvent-resistant). Impermeable gloves.

Eye protection: Safety glasses with side-shields. Tightly fitting safety goggles. Ensure eye bath is to hand.

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Skin protection: Protective clothing with elasticated cuffs and closed neck. Solvent resistant protective clothing. Antistatic boots.

Environmental: Refer to specific Member State legislation for requirements under Community environmental legislation. Ensure all engineering measures mentioned in section 7 of SDS are in place. Storage should be placed inside a fully bunded area of sufficient size to contain the volume plus 10%.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Viscosity: Non-viscous

Flash point°C: 12

9.2. Other information

Other information: No data available.

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: No data available.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat. Sources of ignition. Hot surfaces.

10.5. Incompatible materials

Materials to avoid: Oxidising agents. Acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

[cont...]

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4-METHYLPENTAN-2-ONE

IPR	RAT	LD50	400	mg/kg
ORL	MUS	LD50	1900	mg/kg
ORL	RAT	LD50	2080	mg/kg

CYCLOHEXANONE

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

2-METHOXY-1-METHYLETHYL ACETATE

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

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. Irritation or pain may occur at the site of contact.

Eye contact: There may be irritation and redness.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

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: Harmful to aquatic organisms.

Section 13: Disposal considerations

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13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Recovery operations: Solvent reclamation/regeneration.

Waste code number: 08 01 11

Disposal of packaging: Arrange for collection by specialised disposal company. May be reused following decontamination.

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 RELATED MATERIAL
(contains 4-METHYLPENTAN-2-ONE)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

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 453/2010.

* 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.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

[cont...]

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H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

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.