

SAFETY DATA SHEET COLOUR BRUSH MATCHED COLOURS

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name COLOUR BRUSH MATCHED COLOURS
Product No. CBMC

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

Identified uses Paint. Primer. Sealer.

1.3. Details of the supplier of the safety data sheet

Supplier	James Briggs Limited 4 Howarth Court, Gateway Crescent, Chadderton, Oldham, Lancashire OL9 9XB England 0161 627 0101 sds@jamesbriggs.co.uk
Manufacturer	James Briggs Limited 4 Howarth Court, Gateway Crescent, Chadderton, Oldham, Lancashire OL9 9XB England 0161 627 0101 sds@jamesbriggs.co.uk

1.4. Emergency telephone number

National Emergency Telephone Number
0044 (0) 161 627 0101

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)	Physical and Chemical Hazards	Flam. Liq. 3 - H226
	Human health	EUH066;STOT SE 3 - H336
	Environment	Aquatic Chronic 3 - H412
Classification (1999/45/EEC)	R52/53, R10, R66, R67.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

The product contains small amounts of organic solvents. Prolonged skin contact may cause redness, irritation and dry skin. The liquid may irritate the skin, the eyes and the respiratory tract.

Environment

The product contains a substance which may cause long term adverse effects in the environment.

Physical and Chemical Hazards

When handled correctly, undamaged units represent no danger. Considering the limited amount applied during use and the size of the container, the risk of adverse effects is considered small.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

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Signal Word	Warning	
Hazard Statements	H226 H336 H412	Flammable liquid and vapour. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.
Precautionary Statements	P102 P210 P271 P261 P280 P264 P304+340 P501	Keep out of reach of children. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use only outdoors or in a well-ventilated area. Avoid breathing vapour/spray. Wear protective gloves. Wash contaminated skin thoroughly after handling. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Dispose of contents/container in accordance with local regulations.
Supplementary Precautionary Statements	P233 P312 P403+233 P403+235	Keep container tightly closed. Call a POISON CENTER or doctor/physician if you feel unwell. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.
Supplemental label information	EUH066 EUH208 SOL059	Repeated exposure may cause skin dryness or cracking. Contains BUTYL METHACRYLATE -norm. May produce an allergic reaction. Contains: n-Butyl acetate.

2.3. Other hazards

None noted

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

1-METHOXY-2-PROPANOL	10-30%
CAS-No.: 107-98-2	EC No.: 203-539-1
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT SE 3 - H336	Classification (67/548/EEC) R10 R67
2-METHOXY-1-METHYLETHYL ACETATE	5-10%
CAS-No.: 108-65-6	EC No.: 203-603-9
Classification (EC 1272/2008) Flam. Liq. 3 - H226	Classification (67/548/EEC) R10

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BUTYL ACETATE -norm	10-30%
CAS-No.: 123-86-4	EC No.: 204-658-1
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336	Classification (67/548/EEC) R10 R66 R67
BUTYL METHACRYLATE -norm	< 1%
CAS-No.: 97-88-1	EC No.: 202-615-1
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC) R10 R43 Xi;R36/37/38
SOLVENT NAPHTHA(PETROLEUM), LIGHT AROM.	10-30%
CAS-No.: 64742-95-6	EC No.:
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H335, H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65. Xi;R37. N;R51/53. R10,R66,R67.
XYLENE	1-5%
CAS-No.: 1330-20-7	EC No.: 215-535-7
Classification (EC 1272/2008) Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 3 - H412	Classification (67/548/EEC) R10 Xn;R20/21 Xi;R38

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

The data shown are in accordance with the latest EC Directives. The product contains organic solvents.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

NOTE! Effects may be delayed. Keep affected person under observation. NOTE! Keep affected person away from heat, sparks and flames!

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Inhalation

Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

Remove victim immediately from source of exposure. Rinse mouth thoroughly. NOTE! Keep affected person away from heat, sparks and flames! DO NOT induce vomiting. Get medical attention immediately.

Skin contact

Remove affected person from source of contamination. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation

In high concentrations, vapours are anaesthetic and may cause headache, fatigue, dizziness and central nervous system effects. Irritation of nose, throat and airway.

Ingestion

No specific symptoms noted.

Skin contact

Prolonged contact may cause redness, irritation and dry skin.

Eye contact

Irritation of eyes and mucous membranes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use: Dry chemicals, sand, dolomite etc. Alcohol resistant foam. Water spray, fog or mist. Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

During fire, toxic gases (CO, CO₂) are formed.

Unusual Fire & Explosion Hazards

Vapours are heavier than air and may spread near ground to sources of ignition.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Ventilate closed spaces before entering them. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapours. Do not scatter spilled material with more water than needed to fight the fire. Be aware of danger for fire to re-start. Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Wear full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and contact with skin and eyes. Do not smoke, use open fire or other sources of ignition. Provide adequate ventilation. Wear protective gloves.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Stop leak if possible without risk. Ventilate well. Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth and place into containers.

6.4. Reference to other sections

Collect and dispose of spillage as indicated in section 13.

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SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Do not eat, drink or smoke when using the product. During application and drying, solvent vapours will be emitted. Observe occupational exposure limits and minimise the risk of inhalation of vapours and mist.

7.2. Conditions for safe storage, including any incompatibilities

Flammable/combustible - Keep away from oxidisers, heat and flames. Keep containers tightly closed.

Storage Class

Flammable liquid storage.

7.3. Specific end use(s)

Decorative paint coating for a range of substrates

Usage Description

Brushable paint, primer, lacquer or coating

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
1-METHOXY-2-PROPANOL	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)	
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm(Sk)	274 mg/m3(Sk)	100 ppm(Sk)	548 mg/m3(Sk)	
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m3	200 ppm	966 mg/m3	
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash station.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection

Use protective gloves.

Eye protection

Use eye protection.

Other Protection

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated. When using do not eat, drink or smoke. Use appropriate hand lotion to prevent defatting and cracking of skin.

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Skin protection
Suitable gloves
Thermal hazards
No specific thermal hazards noted
Environmental Exposure Controls
Keep container tightly sealed when not in use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Varying.
Odour	Characteristic of a solvent based paint product
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	126 760 mm Hg The value quoted is that of the lowest boiling point material in the product. The resin binder in the paint film begins to soften at temperatures in excess of 80 degrees Celcius.
Relative density	<1.0
Viscosity	>30 cSt @20c
Flash point (°C)	27 CC (Closed cup). The value quoted is that of the lowest flashpoint material in the product.

9.2. Other information

The typical VOC content for this range of products is between 575 g/l and 650 g/l.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reacts with alkalis and generates heat. The product may form explosive vapours/air mixtures even at normal room temperatures.

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not determined.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers.

10.5. Incompatible materials

Materials To Avoid

Bases, alkalis (inorganic). Strong oxidising substances. Strong reducing agents.

10.6. Hazardous decomposition products

Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

Vapours may cause headache, fatigue, dizziness and nausea. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. May cause irritation to the respiratory system.

Ingestion

May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.

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Skin contact

Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact. Irritating to skin.

Eye contact

Irritating to eyes. Irritation, burning, lachrymation, blurred vision after liquid splash.

Health Warnings

Repeated exposure may cause chronic eye irritation. Swallowing concentrated chemical may cause severe internal injury.

Route of entry

Inhalation. Ingestion. Skin and/or eye contact.

Medical Symptoms

Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes).

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Dangerous for the environment if discharged into watercourses. Under normal use conditions, this material is unlikely to accumulate in sufficient quantities to present any aquatic toxicity hazard.

12.1. Toxicity

Data set not currently available.

12.2. Persistence and degradability

The majority of the constituents are readily degradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. The product has poor water-solubility.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Collect on absorbent material, place in cardboard kegs and incinerate. Incinerate in suitable combustion chamber. Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

Industrial and institutional users can transport this product as Limited Quantities (LQ) where the inner receptacle does not exceed 5 litres, and is packaged in outer packagings (where the outer packaging does not exceed a gross weight of 20 kilos in shrink-wrapped trays or 30 kilos in fibreboard cartons). For the final stages of retail distribution within the UK (only), unpackaged LQ product may be transported without external packaging under the DfT road derogation 4. The user must confirm the condition of the derogation prior to road consignment.

14.1. UN number

UN No. (ADR/RID/ADN)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263

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14.2. UN proper shipping name

Proper Shipping Name PAINT or PAINT RELATED MATERIAL
Proper Shipping Name PAINT

14.3. Transport hazard class(es)

ADR/RID/ADN Class 3
ADR/RID/ADN Class Class 3: Flammable liquids.
ADR Label No. 3
IMDG Class 3
ICAO Class/Division 3
Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group III
IMDG Packing group III
ICAO Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant
No.

14.6. Special precautions for user

EMS F-E, S-E
Emergency Action Code 3Y
Hazard No. (ADR) 30
Hazard No. (ADR) 30 Flammable liquid (flash-point between 23°C and 60°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 60°C, heated to a temperature equal to or above its flash-point, or self heating liquid.
Tunnel Restriction Code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Chemicals (Hazard Information & Packaging) Regulations.
Statutory Instruments
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Approved Code Of Practice
Safety Data Sheets for Substances and Preparations.
Classification and Labelling of Substances and Preparations Dangerous for Supply.
Guidance Notes
Workplace Exposure Limits EH40.

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CHIP for everyone HSG(108).

EU Legislation

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

National Regulations

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By	The Regulatory Affairs Manager
Revision Date	10/10/2016
Revision	11
Supersedes date	19/12/2012
Date	18th December 2012
Signature	A. Taylor
Risk Phrases In Full	
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R37	Irritating to respiratory system.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R66	Repeated exposure may cause skin dryness or cracking.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.
Hazard Statements In Full	
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H312	Harmful in contact with skin.
H412	Harmful to aquatic life with long lasting effects.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H336	May cause drowsiness or dizziness.
H335	May cause respiratory irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

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. Such 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.