



## Safety Data Sheet

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This Safety Data Sheet has been prepared in accordance with the REACH Regulation (1907/2006), as amended for GB.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

3M™ ScotchCode™ Marker Pen SMP-B Black, and Kits Containing SMP Marker Pen

#### Product Identification Numbers

80-6105-9388-3	80-6105-9391-7	80-6105-9393-3	80-6114-2809-7
7000031501	7000031502	7000058136	7000031767

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

##### Identified uses

Electrical

#### 1.3. Details of the supplier of the safety data sheet

<b>Address:</b>	3M United Kingdom PLC, 3M Centre, Cain Road, Bracknell, Berkshire, RG12 8HT.
<b>Telephone:</b>	+44 (0)1344 858 000
<b>E Mail:</b>	tox.uk@mmm.com
<b>Website:</b>	www.3M.com/uk

#### 1.4. Emergency telephone number

+44 (0)1344 858 000

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain

The health and environmental classifications of this material have been derived using the calculation method, except in cases where test data are available or the physical form impacts classification. Classification(s) based on test data or physical form are noted below, if applicable.

#### CLASSIFICATION:

Flammable Solid, Category 2 - Flam. Sol. 2; H228  
 Serious Eye Damage/Eye Irritation, Category 1 - Eye Dam. 1; H318  
 Reproductive Toxicity, Category 2 - Repr. 2; H361d

For full text of H phrases, see Section 16.

**2.2. Label elements**

**The retained CLP Regulation (EU) No 1272/2008 as amended for Great Britain**

**SIGNAL WORD**

DANGER.

**Symbols**

GHS02 (Flame) |GHS05 (Corrosion) |GHS08 (Health Hazard) |

**Pictograms**



Ingredient	CAS Nbr	EC No.	% by Wt
propan-1-ol	71-23-8	200-746-9	5.5 - 6.5
butan-1-ol	71-36-3	200-751-6	3 - 4
4-hydroxy-4-methylpentan-2-one	123-42-2	204-626-7	2.5 - 3.5

**HAZARD STATEMENTS:**

H228 Flammable solid.  
 H318 Causes serious eye damage.  
 H361d Suspected of damaging the unborn child.

**PRECAUTIONARY STATEMENTS**

**Prevention:**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P280B Wear protective gloves and eye/face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTRE or doctor/physician.  
 P370 + P378 In case of fire: Use a fire fighting agent suitable for flammable liquids such as dry chemical or carbon dioxide to extinguish.

**For containers not exceeding 125 ml the following Hazard and Precautionary statements may be used:**

**<=125 ml Hazard statements**

H318 Causes serious eye damage.  
 H361d Suspected of damaging the unborn child.

**<=125 ml Precautionary statements**

**Prevention:**

P280B

Wear protective gloves and eye/face protection.

**Response:**

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTRE or doctor/physician.

**2.3. Other hazards**

None known.

This material does not contain any substances that are assessed to be a PBT or vPvB

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

Not applicable

**3.2. Mixtures**

Ingredient	Identifier(s)	%	Classification according to Regulation (EC) No. 1272/2008 [CLP], as amended for GB
Plastic Pen Assembly	Mixture	80 - 90	Substance not classified as hazardous
propan-1-ol	(CAS-No.) 71-23-8 (EC-No.) 200-746-9	5.5 - 6.5	Flam. Liq. 2, H225 Eye Dam. 1, H318 STOT SE 3, H336
butan-1-ol	(CAS-No.) 71-36-3 (EC-No.) 200-751-6	3 - 4	Flam. Liq. 3, H226 Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335
4-hydroxy-4-methylpentan-2-one	(CAS-No.) 123-42-2 (EC-No.) 204-626-7	2.5 - 3.5	Eye Irrit. 2, H319 Flam. Liq. 3, H226 Repr. 2, H361d STOT SE 3, H335
Dyes	Mixture	2 - 3	Substance not classified as hazardous

Please see section 16 for the full text of any H statements referred to in this section

**Specific Concentration Limits**

Ingredient	Identifier(s)	Specific Concentration Limits
4-hydroxy-4-methylpentan-2-one	(CAS-No.) 123-42-2 (EC-No.) 204-626-7	(C >= 10%) Eye Irrit. 2, H319

For information on ingredient occupational exposure limits or PBT or vPvB status, see sections 8 and 12 of this SDS

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

#### **Inhalation**

No need for first aid is anticipated. If symptoms develop, remove the affected person to fresh air. Get medical attention.

#### **Skin contact**

No need for first aid is anticipated.

#### **Eye contact**

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

#### **If swallowed**

Do not induce vomiting. Rinse mouth. If you feel unwell, get medical attention.

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

The most important symptoms and effects based on the GB CLP classification include:

Serious damage to the eyes (corneal cloudiness, severe pain, tearing, ulcerations, and significantly impaired or loss of vision).

#### **4.3. Indication of any immediate medical attention and special treatment required**

Not applicable

### **SECTION 5: Fire-fighting measures**

#### **5.1. Extinguishing media**

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

#### **5.2. Special hazards arising from the substance or mixture**

None inherent in this product.

#### **Hazardous Decomposition or By-Products**

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During combustion.
Carbon dioxide.	During combustion.

#### **5.3. Advice for fire-fighters**

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

### **SECTION 6: Accidental release measures**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate the area with fresh air.

#### **6.2. Environmental precautions**

Avoid release to the environment.

#### **6.3. Methods and material for containment and cleaning up**

Place in a metal container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

#### **6.4. Reference to other sections**

Refer to Section 8 and Section 13 for more information

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Avoid eye contact. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with oxidising agents (eg. chlorine, chromic acid etc.)

**7.2. Conditions for safe storage including any incompatibilities**

Store away from acids. Store away from oxidising agents.

**7.3. Specific end use(s)**

See information in Section 7.1 and 7.2 for handling and storage recommendations. See Section 8 for exposure controls and personal protection recommendations.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limits**

If a component is disclosed in section 3 but does not appear in the table below, an occupational exposure limit is not available for the component.

Ingredient	CAS Nbr	Agency	Limit type	Additional comments
4-hydroxy-4-methylpentan-2-one	123-42-2	UK HSC	TWA: 241 mg/m <sup>3</sup> (50 ppm); STEL: 362 mg/m <sup>3</sup> (75 ppm)	
propan-1-ol	71-23-8	UK HSC	TWA:500 mg/m <sup>3</sup> (200 ppm);STEL:625 mg/m <sup>3</sup> (250 ppm)	SKIN
butan-1-ol	71-36-3	UK HSC	STEL:154 mg/m <sup>3</sup> (50 ppm)	SKIN

UK HSC : UK Health and Safety Commission

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

CEIL: Ceiling

**Biological limit values**

No biological limit values exist for any of the components listed in Section 3 of this safety data sheet.

**8.2. Exposure controls****8.2.1. Engineering controls**

Not applicable.

**8.2.2. Personal protective equipment (PPE)****Eye/face protection**

Wear eye/face protection.

**Skin/hand protection**

Wear protective gloves.

**Respiratory protection**

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

In case of inadequate ventilation wear respiratory protection.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Solid.
<b>Specific Physical Form:</b>	Felt tip pen
<b>Colour</b>	Black, Red
<b>Odor</b>	Solvent
<b>Odour threshold</b>	<i>No data available.</i>
<b>Melting point/freezing point</b>	<i>No data available.</i>
<b>Boiling point/boiling range</b>	approximately 49.4 °C [Details:(n-propanol)]
<b>Flammability (solid, gas)</b>	Not classified
<b>Flammable Limits(LEL)</b>	approximately 2.7 % volume [Details:In air by volume]
<b>Flammable Limits(UEL)</b>	approximately 11.8 % volume [Details:In air by volume]
<b>Flash point</b>	28.9 °C [Test Method:Closed Cup]
<b>Autoignition temperature</b>	<i>No data available.</i>
<b>Decomposition temperature</b>	<i>No data available.</i>
<b>pH</b>	<i>substance/mixture is non-soluble (in water)</i>
<b>Kinematic Viscosity</b>	<i>No data available.</i>
<b>Water solubility</b>	Appreciable
<b>Solubility- non-water</b>	<i>No data available.</i>
<b>Partition coefficient: n-octanol/water</b>	<i>No data available.</i>
<b>Vapour pressure</b>	approximately 22.3 Pa [Details:(20C (n-propanol))]
<b>Density</b>	<i>No data available.</i>
<b>Relative density</b>	approximately 0.95 [Ref Std:WATER=1] [Details:(n-propanol)]
<b>Relative Vapour Density</b>	<i>No data available.</i>

**9.2. Other information****9.2.2 Other safety characteristics**

<b>Average particle size</b>	<i>No data available.</i>
<b>Bulk density</b>	<i>No data available.</i>
<b>EU Volatile Organic Compounds</b>	<i>No data available.</i>
<b>Evaporation rate</b>	1.3
<b>Molecular weight</b>	<i>No data available.</i>
<b>Percent volatile</b>	>=55 % weight
<b>Softening point</b>	<i>No data available.</i>

**SECTION 10: Stability and reactivity****10.1 Reactivity**

This material is considered to be non reactive under normal use conditions

**10.2 Chemical stability**

Stable.

**10.3 Possibility of hazardous reactions**

Hazardous polymerisation will not occur.

**10.4 Conditions to avoid**

None known.

**10.5 Incompatible materials**

None known.

**10.6 Hazardous decomposition products**

**Substance**

None known.

**Condition**

Refer to section 5.2 for hazardous decomposition products during combustion.

Under recommended usage conditions, hazardous decomposition products are not expected. Hazardous decomposition products may occur as a result of oxidation, heating, or reaction with another material.

**SECTION 11: Toxicological information**

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 11 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**11.1. Information on hazard classes as defined in the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain.****Signs and Symptoms of Exposure**

Based on test data and/or information on the components, this material may produce the following health effects:

**Inhalation**

May cause additional health effects (see below).

**Skin contact**

Contact with the skin during product use is not expected to result in significant irritation.

**Eye contact**

Corrosive (eye burns): Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.

**Ingestion**

May cause additional health effects (see below).

**Toxicological Data**

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

**Acute Toxicity**

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE >5,000 mg/kg
propan-1-ol	Dermal	Rabbit	LD50 4,000 mg/kg
propan-1-ol	Inhalation-Vapour (4 hours)	Rat	LC50 > 34 mg/l
propan-1-ol	Ingestion	Rat	LD50 estimated to be 2,000 - 5,000 mg/kg
butan-1-ol	Dermal	Rabbit	LD50 3,402 mg/kg
butan-1-ol	Inhalation-Vapour (4 hours)	Rat	LC50 24 mg/l
butan-1-ol	Ingestion	Rat	LD50 2,290 mg/kg
4-hydroxy-4-methylpentan-2-one	Dermal	Rabbit	LD50 13,645 mg/kg
4-hydroxy-4-methylpentan-2-one	Inhalation-Vapour (4 hours)	Rat	LC50 > 7.6 mg/l
4-hydroxy-4-methylpentan-2-one	Ingestion	Rat	LD50 3,002 mg/kg

ATE = acute toxicity estimate

**Skin Corrosion/Irritation**

Name	Species	Value
propan-1-ol	Rabbit	Minimal irritation
butan-1-ol	Rabbit	Mild irritant
4-hydroxy-4-methylpentan-2-one	Rabbit	No significant irritation

**Serious Eye Damage/Irritation**

Name	Species	Value
propan-1-ol	Rabbit	Severe irritant
butan-1-ol	Rabbit	Severe irritant
4-hydroxy-4-methylpentan-2-one	Rabbit	Severe irritant

**Skin Sensitisation**

Name	Species	Value
propan-1-ol	Guinea pig	Not classified
butan-1-ol	Human	Not classified
4-hydroxy-4-methylpentan-2-one	Guinea pig	Not classified

**Respiratory Sensitisation**

For the component/components, either no data is currently available or the data is not sufficient for classification.

**Germ Cell Mutagenicity**

Name	Route	Value
propan-1-ol	In Vitro	Some positive data exist, but the data are not sufficient for classification
butan-1-ol	In vivo	Not mutagenic
butan-1-ol	In Vitro	Some positive data exist, but the data are not sufficient for classification
4-hydroxy-4-methylpentan-2-one	In Vitro	Some positive data exist, but the data are not sufficient for classification

**Carcinogenicity**

Name	Route	Species	Value
propan-1-ol	Ingestion	Rat	Some positive data exist, but the data are not sufficient for classification

**Reproductive Toxicity****Reproductive and/or Developmental Effects**

Name	Route	Value	Species	Test result	Exposure Duration
propan-1-ol	Inhalation	Not classified for male reproduction	Rat	NOAEL 8.6 mg/l	6 weeks
propan-1-ol	Inhalation	Not classified for development	Rat	NOAEL 8.6 mg/l	during gestation
butan-1-ol	Ingestion	Not classified for female reproduction	Rat	NOAEL 5,000 mg/kg/day	premating & during gestation
butan-1-ol	Inhalation	Not classified for male reproduction	Rat	NOAEL 18 mg/l	6 weeks
butan-1-ol	Inhalation	Not classified for development	Rat	NOAEL 10.6 mg/l	during gestation
4-hydroxy-4-methylpentan-2-one	Ingestion	Not classified for female reproduction	Rat	NOAEL 300 mg/kg/day	premating into lactation



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4-hydroxy-4-methylpentan-2-one	Ingestion	Not classified for male reproduction	Rat	NOAEL 300 mg/kg/day	44 days
4-hydroxy-4-methylpentan-2-one	Ingestion	Toxic to development	Rabbit	NOAEL 100 mg/kg/day	during gestation

**Target Organ(s)**
**Specific Target Organ Toxicity - single exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
propan-1-ol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Mouse	NOAEL 5 mg/l	4 hours
propan-1-ol	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification	Mouse	NOAEL Not available	
propan-1-ol	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Professional judgement	NOAEL Not available	
butan-1-ol	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
butan-1-ol	Inhalation	respiratory irritation	May cause respiratory irritation	official classification	NOAEL Not available	
butan-1-ol	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Human	NOAEL Not available	
4-hydroxy-4-methylpentan-2-one	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	NOAEL Not available	
4-hydroxy-4-methylpentan-2-one	Inhalation	respiratory irritation	May cause respiratory irritation	Human	NOAEL Not available	
4-hydroxy-4-methylpentan-2-one	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Human and animal	NOAEL Not available	
4-hydroxy-4-methylpentan-2-one	Ingestion	blood	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 1,882 mg/kg	
4-hydroxy-4-methylpentan-2-one	Ingestion	liver	Not classified	Rat	NOAEL 1,882 mg/kg	not applicable

**Specific Target Organ Toxicity - repeated exposure**

Name	Route	Target Organ(s)	Value	Species	Test result	Exposure Duration
propan-1-ol	Ingestion	hematopoietic system	Not classified	Rat	NOAEL 70 mg/kg/day	83 weeks
propan-1-ol	Ingestion	liver	Not classified	Rat	LOAEL 70 mg/kg/day	83 weeks
butan-1-ol	Inhalation	blood	Not classified	Rat	NOAEL 0.3 mg/l	3 months
butan-1-ol	Inhalation	auditory system	Not classified	Human	NOAEL Not available	occupational exposure
butan-1-ol	Inhalation	liver   kidney and/or bladder   respiratory system	Not classified	Guinea pig	NOAEL Not available	3 months
butan-1-ol	Inhalation	nervous system	Not classified	Rat	NOAEL 9.09 mg/l	13 weeks
butan-1-ol	Ingestion	blood	Not classified	Rat	NOAEL 500 mg/kg/day	13 weeks
4-hydroxy-4-methylpentan-2-one	Inhalation	liver   kidney and/or bladder	Not classified	Rat	NOAEL 4.5 mg/l	6 weeks
4-hydroxy-4-methylpentan-2-one	Ingestion	endocrine system   liver   kidney and/or bladder   hematopoietic system   nervous system   eyes	Not classified	Rat	NOAEL 600 mg/kg/day	13 weeks

**Aspiration Hazard**

Name	Value
butan-1-ol	Some positive data exist, but the data are not sufficient for classification

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

**11.2. Information on other hazards**

This material does not contain any substances that are assessed to be an endocrine disruptor for human health.

**SECTION 12: Ecological information**

The information below may not agree with the material classification in Section 2 and/or the ingredient classifications in Section 3 if specific ingredient classifications are mandated by a competent authority. In addition, statements and data presented in Section 12 are based on UN GHS calculation rules and classifications derived from 3M assessments.

**12.1. Toxicity**

No product test data available.

Material	CAS #	Organism	Type	Exposure	Test endpoint	Test result
propan-1-ol	71-23-8	Activated sludge	Experimental	3 hours	IC50	>1,000 mg/l
propan-1-ol	71-23-8	Algae or other aquatic plants	Experimental	96 hours	EC50	4,480 mg/l
propan-1-ol	71-23-8	Fathead minnow	Experimental	96 hours	LC50	4,555 mg/l
propan-1-ol	71-23-8	Fish	Experimental	96 hours	LC50	3,000 mg/l
propan-1-ol	71-23-8	Water flea	Experimental	48 hours	EC50	3,642 mg/l
propan-1-ol	71-23-8	Water flea	Experimental	21 days	NOEC	100 mg/l
butan-1-ol	71-36-3	Bacteria	Experimental	16 hours	NOEC	650 mg/l
butan-1-ol	71-36-3	Bluegill	Experimental	96 hours	LC50	100 mg/l
butan-1-ol	71-36-3	Green algae	Experimental	96 hours	EC50	225 mg/l
butan-1-ol	71-36-3	Invertebrate	Experimental	96 hours	LC50	2,100 mg/l
butan-1-ol	71-36-3	Water flea	Experimental	48 hours	EC50	>500 mg/l
butan-1-ol	71-36-3	Green algae	Experimental	72 hours	NOEC	180 mg/l
butan-1-ol	71-36-3	Water flea	Experimental	21 days	NOEC	4.1 mg/l
4-hydroxy-4-methylpentan-2-one	123-42-2	Activated sludge	Experimental	3 hours	EC50	>1,000 mg/l
4-hydroxy-4-methylpentan-2-one	123-42-2	Bacteria	Experimental	16 hours	NOEC	825 mg/l
4-hydroxy-4-methylpentan-2-one	123-42-2	Green algae	Experimental	72 hours	EC50	>1,000 mg/l
4-hydroxy-4-methylpentan-2-one	123-42-2	Inland Silverside	Experimental	96 hours	LC50	420 mg/l

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4-hydroxy-4-methylpentan-2-one	123-42-2	Medaka	Experimental	96 hours	LC50	>100 mg/l
4-hydroxy-4-methylpentan-2-one	123-42-2	Water flea	Experimental	48 hours	EC50	>1,000 mg/l
4-hydroxy-4-methylpentan-2-one	123-42-2	Green algae	Experimental	72 hours	NOEC	1,000 mg/l
4-hydroxy-4-methylpentan-2-one	123-42-2	Water flea	Experimental	21 days	NOEC	100 mg/l

**12.2. Persistence and degradability**

Material	CAS Nbr	Test type	Duration	Study Type	Test result	Protocol
propan-1-ol	71-23-8	Experimental Biodegradation	20 days	BOD	73 %BOD/ThOD	OECD 301D - Closed bottle test
butan-1-ol	71-36-3	Experimental Biodegradation	19 days	Dissolv. Organic Carbon Deplet	98 %removal of DOC	OECD 301E - Modif. OECD Screen
4-hydroxy-4-methylpentan-2-one	123-42-2	Experimental Biodegradation	28 days	Dissolv. Organic Carbon Deplet	98.5 %removal of DOC	

**12.3 : Bioaccumulative potential**

Material	Cas No.	Test type	Duration	Study Type	Test result	Protocol
propan-1-ol	71-23-8	Experimental Bioconcentration		Log Kow	0.2	
butan-1-ol	71-36-3	Experimental Bioconcentration		Log Kow	0.88	
4-hydroxy-4-methylpentan-2-one	123-42-2	Experimental Bioconcentration		Log Kow	-0.14	

**12.4. Mobility in soil**

No test data available.

**12.5. Results of the PBT and vPvB assessment**

This material does not contain any substances that are assessed to be a PBT or vPvB

**12.6. Other adverse effects**

This material does not contain any substances that are assessed to be an endocrine disruptor for environmental effects

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

Dispose of contents/ container in accordance with the local/regional/national/international regulations.

Prior to disposal, consult all applicable authorities and regulations to insure proper classification. Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. If no other disposal options are available, waste product may be placed in a landfill properly designed for industrial waste.

The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control of 3M, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are

complied with and always use a licensed waste contractor.

**EU waste code (product as sold)**

080312\* Waste ink containing dangerous substances

**SECTION 14: Transportation information**

	<b>Ground Transport (ADR)</b>	<b>Air Transport (IATA)</b>	<b>Marine Transport (IMDG)</b>
<b>14.1 UN number</b>	UN3175	UN3175	UN3175
<b>14.2 UN proper shipping name</b>	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.
<b>14.3 Transport hazard class(es)</b>	4.1	4.1	4.1
<b>14.4 Packing group</b>	II	II	II
<b>14.5 Environmental hazards</b>	Not Environmentally Hazardous	Not applicable	Not a Marine Pollutant
<b>14.6 Special precautions for user</b>	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.	Please refer to the other sections of the SDS for further information.
<b>14.7 Transport in bulk according to Annex II of Marpol 73/78 and IBC Code</b>	No data available.	No data available.	No data available.
<b>Control Temperature</b>	No data available.	No data available.	No data available.
<b>Emergency Temperature</b>	No data available.	No data available.	No data available.
<b>ADR Classification Code</b>	F1	Not applicable.	Not applicable.
<b>IMDG Segregation Code</b>	Not applicable.	Not applicable.	NONE

Please contact the address or phone number listed on the first page of the SDS for additional information on the transport/shipment of the material by rail (RID) or inland waterways (ADN).

**SECTION 15: Regulatory information**

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

**Global inventory status**

Contact 3M for more information. The components of this product are in compliance with the new substance notification requirements of CEPA. The components of this product are in compliance with the chemical notification requirements of TSCA. All required components of this product are listed on the active portion of the TSCA Inventory.

**COMAH Regulation, SI 2015/483**

Seveso hazard categories, Annex 1, Part 1

None

Seveso named dangerous substances, Annex 1, Part 2

Dangerous Substances	Identifier(s)	Qualifying quantity (tonnes) for the application of	
		Lower-tier requirements	Upper-tier requirements
butan-1-ol	71-36-3	10	50
propan-1-ol	71-23-8	10	50

**Regulation (EU) No 649/2012, as amended for GB**

No chemicals listed

**15.2. Chemical Safety Assessment**

A chemical safety assessment has not been carried out for this substance/mixture in accordance with Regulation (EC) No 1907/2006, as amended for GB.

**SECTION 16: Other information****List of relevant H statements**

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361d	Suspected of damaging the unborn child.

**Revision information:**

EU Section 09: pH information information was modified.  
 GB Section 02: CLP Ingredient table information was added.  
 GB Section 02: Other hazards phrase information was added.  
 GB Section 04: First Aid - Symptoms and Effects (GB CLP) information was added.  
 GB Section 04: Information on toxicological effects information was added.  
 GB Section 12: Classification Warning information was added.  
 GB Section 15: Chemical Safety Assessment information was added.  
 GBSDS Section 14 Transport in bulk - Main Heading information was added.  
 GBSDS Section 14 UN Number information was added.  
 Section 2: <125ml Precautionary - Prevention information was modified.  
 CLP: Ingredient table information was deleted.  
 Label: CLP Classification information was modified.  
 Label: CLP Precautionary - Prevention information was modified.  
 Section 2: Other hazards phrase information was deleted.  
 Section 3: Composition/ Information of ingredients table information was added.  
 Section 3: Composition/ Information of ingredients table information was deleted.  
 Section 03: SCL table information was added.  
 Section 03: SCL table information was deleted.  
 Section 4: First aid for ingestion (swallowing) information information was modified.

Section 4: First aid for inhalation information information was modified.  
Section 4: First aid for skin contact information information was modified.  
Section 04: Information on toxicological effects information was deleted.  
Section 8: Eye protection information information was deleted.  
Section 8: Personal Protection - Eye information information was added.  
Section 8: Personal Protection - Respiratory Information information was modified.  
Section 8: Personal Protection - Skin/hand information information was modified.  
Section 9: Vapour density value information was modified.  
Section 11: Classification disclaimer information was deleted.  
Section 11: GB Classification disclaimer information was added.  
Section 11: GB No endocrine disruptor information available warning information was added.  
Section 11: Health Effects - Eye information information was modified.  
Section 11: No endocrine disruptor information available warning information was deleted.  
Section 11: Reproductive Toxicity Table information was modified.  
Section 11: Target Organs - Repeated Table information was added.  
Section 11: Target Organs - Repeated Table information was deleted.  
Section 12: 12.6. Endocrine Disrupting Properties information was deleted.  
Section 12: 12.6. Other adverse effects information was added.  
Section 12: 12.7. Other adverse effects information was deleted.  
Section 12: Classification Warning information was deleted.  
Section 12: Component ecotoxicity information information was modified.  
Prints No Data if Adverse effects information is not present information was deleted.  
Section 12: No endocrine disruptor information available warning information was added.  
Section 12: No endocrine disruptor information available warning information was deleted.  
Section 12: Persistence and Degradability information information was modified.  
Section 12: Bioaccumulative potential information information was modified.  
Section 13: Standard Phrase Category Waste GHS information was modified.  
Section 14 Classification Code – Regulation Data information was modified.  
Section 14 Control Temperature – Regulation Data information was modified.  
Section 14 Emergency Temperature – Regulation Data information was modified.  
Section 14 Multiplier – Main Heading information was deleted.  
Section 14 Multiplier – Regulation Data information was deleted.  
Section 14 Other Dangerous Goods – Regulation Data information was modified.  
Section 14 Segregation – Regulation Data information was modified.  
Section 14 Transport Category – Main Heading information was deleted.  
Section 14 Transport Category – Regulation Data information was deleted.  
Section 14 Transport in bulk – Regulation Data information was modified.  
Section 14 Marine transport in bulk according to IMO instruments – Main Heading information was deleted.  
Section 14 Transport Not Permitted – Main Heading information was deleted.  
Section 14 Transport Not Permitted – Regulation Data information was deleted.  
Section 14 Tunnel Code – Main Heading information was deleted.  
Section 14 Tunnel Code – Regulation Data information was deleted.  
Section 14 UN Number information was deleted.  
Section 15: Chemical Safety Assessment information was deleted.  
Section 15: Regulations - Inventories information was added.  
Section 15: Seveso Substance Text information was added.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material.  
information was added.  
Two-column table displaying the unique list of H Codes and statements (std phrases) for all components of the given material.  
information was deleted.  
Section 16: Web address information was added.  
Section 16: Web address information was deleted.  
Section 2: No PBT/vPvB information available warning information was added.

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