



Derwent Academy Markers

SAFETY DATA SHEET

14-12-2017

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830

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

1.1 Product Identifier

Product Name	Derwent Academy Markers
Product code	98202, 98206, 98208
CAS No.	Not applicable.
EC No.	Not applicable.
REACH Registration No.	Not known.

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

Identified Use(s)	Preparation for use in writing instruments.
Uses Advised Against	Not known.

1.3 Details of the supplier of the safety data sheet

Company Identification	Acco UK Ltd. Oxford House, Oxford Road, Aylesbury, Bucks, HP21 8SZ.
Telephone	+44 (0) 844 209 8360
Fax	+44 (0) 845 603 1731
E-mail	informationeurope@acco.com
Website	www.acco.co.uk
Office hours	09:00 - 17:00

1.4 Emergency telephone number

Company	+44 (0) 844 209 8360 (09:00 - 17:00)
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2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008 (CLP)	Not classified as dangerous for supply/use.
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2.2 Label elements

	According to Regulation (EC) No. 1272/2008 (CLP)
Product Name	Derwent Academy Markers
Hazard Pictogram(s)	None.
Signal Word(s)	None.
Hazard Statement(s)	None.
Precautionary Statement(s)	None.

2.3 Other hazards

Sharp points may cause injury.

Confined spaces: The vapour has anaesthetic properties and when inhaled at high concentrations, it may cause headache, fatigue, dizziness and incoordination.

2.4 Additional Information

None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Articles for printing and writing: Derwent Academy Markers

3.1 Substances

Not applicable.

3.2 Mixtures

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
1-methoxy-2-propanol; monopropylene glycol methyl ether	107-98-2	203-539-1 / 01-2119457435-35- XXXX	<75	Flam. Liq. 3 H226 STOT SE 3 H336	GHS02 GHS07
propan-2-ol; isopropyl alcohol isopropanol	67-63-0	200-661-7 / 01-2119457558-25- XXXX	<20	Flam. Liq. 2 H225 Eye Irrit. 2 H319 STOT SE 3 H336	GHS02 GHS07

For full text of H/P Statements see section 16.

4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
Skin Contact	Wash hands and exposed skin after use.
Eye Contact	If contact with eyes directly, flush with gently flowing fresh water thoroughly.
Ingestion	Unlikely route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

None anticipated.

4.3 Indication of any immediate medical attention and special treatment needed

No special requirements.

5. SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire. Extinguish with carbon dioxide, dry chemical, foam or waterspray.

Unsuitable extinguishing media None known.

5.2 Special hazards arising from the substance or mixture

Decomposes in a fire giving off toxic fumes: Carbon monoxide, Carbon dioxide.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Marker may stain. Wear suitable protective clothing and gloves. Wash hands and exposed skin after use.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Collect mechanically and dispose of according to Section 13.

6.4 Reference to other sections

See Also Section 8, 13.

7. SECTION 7: HANDLING AND STORAGE

No hazard expected under normal conditions of use.

7.1 Precautions for safe handling

Do not use in confined spaces. Avoid inhalation of high concentrations of vapours. Wash hands and exposed skin after use.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.
 Storage life Indefinite.
 Incompatible materials Strong oxidising agents, acid anhydrides.

7.3 Specific end use(s)

Preparation for use in writing instruments.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
1-Methoxypropan-2-ol	107-98-2	100	375	150	560	Sk
Propan-2-ol	67-63-0	400	999	500	1250	

Source WEL: Workplace Exposure Limit (UK HSE EH40)
 Sk - Can be absorbed through skin.

8.2 Exposure controls

8.2.1. Appropriate engineering controls Not normally required.

8.2.2. Personal protection equipment



Eye Protection Not normally required.



Skin protection Not normally required. Marker may stain. Wear suitable protective clothing and gloves.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards Not applicable.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Solid.
	Colour : Variant.
Odour	Alcohol-like.
Odour threshold	Not established.
pH	3 – 9 (Mixture)
Melting point/freezing point	-89.5°C (Mixture)
Initial boiling point and boiling range	82°C (Mixture)
Flash Point	12°C (Mixture)
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	2 – 12 Vol-% (Mixture)
Vapour pressure	48hPa @ 20°C (Mixture)
Vapour density	Not applicable.
Density (g/ml)	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not applicable.
Auto-ignition temperature	425°C (Mixture)
Decomposition Temperature (°C)	Not applicable.
Kinematic Viscosity	2 - 12cP @ 20°C (Mixture)
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

No hazard expected under normal conditions of use.

10.1 Reactivity

Stable under normal conditions.

10.2 Chemical Stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose.



Derwent Academy Markers

SAFETY DATA SHEET

14-12-2017

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Strong oxidising agents, acid anhydrides.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

This material is unlikely to present a significant health hazard under normal conditions of handling and use.

11.1 Information on toxicological effects

Acute toxicity	Low acute toxicity.
Skin corrosion/irritation	Unlikely to cause skin irritation.
Serious eye damage/irritation	Unlikely to cause eye irritation.
Skin sensitization data	It is not a skin sensitiser.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	No evidence of reproductive effects.
Lactation	Not classified.
STOT - single exposure	None anticipated.
STOT - repeated exposure	None anticipated.
Aspiration hazard	Confined spaces: The vapour has anaesthetic properties and when inhaled at high concentrations, it may cause headache, fatigue, dizziness and incoordination. Not classified.

11.2 Other information

None.

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Low toxicity to aquatic organisms.

12.2 Persistence and Degradation

The product is unlikely to persist in the environment.

12.3 Bioaccumulative potential

The product has low potential for bioaccumulation.

12.4 Mobility in soil

The product is essentially insoluble in water.

12.5 Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

12.6 Other adverse effects

Not known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose at suitable refuse site.

13.2 Additional Information

Disposal should be in accordance with local, state or national legislation.



Derwent Academy Markers

SAFETY DATA SHEET

14-12-2017

14. SECTION 14: TRANSPORT INFORMATION

Not classified as dangerous for transport.

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not classified as a Marine Pollutant.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

15. SECTION 15: REGULATORY INFORMATION

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

European Regulations - Authorisations and/or Restrictions On Use

Candidate List of Substances of Very High Concern for Authorisation Not listed

REACH: ANNEX XIV list of substances subject to authorisation Not listed

REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Community Rolling Action Plan (CoRAP) Not listed

1-methoxy-2-propanol; monopropylene glycol methyl ether (107-98-2),
propan-2-ol; isopropyl alcohol isopropanol (67-63-0).

National regulations

Other Not known.

15.2 Chemical Safety Assessment

Not applicable.



Derwent Academy Markers

SAFETY DATA SHEET

14-12-2017

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16

LEGEND

Hazard Pictogram(s)	GHS02: GHS: flame GHS07: GHS: exclamation mark
Hazard classification	Eye Irrit. 2 : Serious eye damage/irritation, Category 2 Flam. Liq. 2 : Flammable liquid, Category 2 Flam. Liq. 3 : Flammable liquid, Category 3 STOT SE 3_H336 : Specific target organ toxicity — single exposure, Category 3
Hazard Statement(s)	H225: Highly flammable liquid and vapour. H226: Flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.
Acronyms	CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures EC : European Community EINECS : European Inventory of Existing Commercial Chemical Substances LTEL : Long term exposure limit PBT : Persistent, Bioaccumulative and Toxic REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals RID : Regulations concerning the International Carriage of Dangerous Goods by Rail STEL : Short term exposure limit STOT : Specific Target Organ Toxicity vPvB : very Persistent and very Bioaccumulative
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