



SAFETY DATA SHEET

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 Metallic Markers
Product code 98212
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)

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.

2.2 Label elements

According to Regulation (EC) No. 1272/2008 (CLP)
Product Name Derwent Academy Metallic 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.

2.4 Additional Information

None.

SAFETY DATA SHEET

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Articles for printing and writing: Derwent Academy Metallic 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)
aluminium powder (stabilised)	7429-90-5	231-072-3 01-2119529243-45-XXXX	2.5 - 10	Flam. Sol. 1 H228 Water-react. 2 H261	GHS02
ethanediol; ethylene glycol	107-21-1	203-473-3 01-2119456816-28-XXXX	2.5 - 10	Acute Tox. 4 H302	GHS07
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5	202-414-9 01-2119777867-13-XXXX	≤1	Acute Tox. 4 H302 Skin Corr. 1C H314 Eye Irrit. 2 H319 STOT RE 2 H373 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS05 GHS08 GHS09
3-iodo-2-propynyl butylcarbamate	55406-53-6	259-627-5	≤1	Acute Tox. 4 H302 Skin Sens. 1 H317 Eye Dam. 1 H318 Acute Tox. 3 H331 STOT RE 1 H372 Aquatic Acute 1 H400 Aquatic Chronic 1 H410	GHS06 GHS05 GHS08 GHS09

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.



SAFETY DATA SHEET

5. SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

5.1 Extinguishing media

Suitable Extinguishing media As appropriate for surrounding fire.

Unsuitable extinguishing media None known.

5.2 Special hazards arising from the substance or mixture

None anticipated.

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

Wash hands and exposed skin after use.

7.2 Conditions for safe storage, including any incompatibilities

Storage temperature Ambient.

Storage life Indefinite.

Incompatible materials None anticipated.

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/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Aluminium metal inhalable dust	7429-90-5		10			
Aluminium metal respirable dust	7429-90-5		4			
Ethane-1,2-diol Particulate	107-21-1		10			Sk
Ethane-1,2-diol vapour	107-21-1	20	52	40	104	Sk

SAFETY DATA SHEET

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	8 @ 20°C (Mixture)
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	100°C (Mixture)
Flash Point	101°C (Mixture)
Evaporation rate	Not applicable.
Flammability (solid, gas)	Non-flammable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	23hPa @ 20°C (Mixture)
Vapour density	Not applicable.
Density (g/ml)	1.09 g/cm ³ @ 20°C (Mixture)
Relative density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature (°C)	Not applicable.
Kinematic Viscosity	9mPa*s@ 20°C (Mixture)
Explosive properties	Not explosive.



SAFETY DATA SHEET

Oxidising properties	Not oxidising.
9.2 Other information	
Solvent content (Mixture)	Organic solvents: 0.7%
	Water: 59.3%
	Solid content: 10.7%

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.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

None anticipated.

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	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.



Derwent Academy Metallic Markers

SAFETY DATA SHEET

14-12-2017

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.

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 aluminium powder (stabilised) (7429-90-5)

Community Rolling Action Plan (CoRAP) Not listed

Other Not known.

15.2 Chemical Safety Assessment

Not applicable.



SAFETY DATA SHEET

16. SECTION 16: OTHER INFORMATION

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

LEGEND

Hazard Pictogram(s)	GHS02: GHS: flame GHS06: GHS: skull and crossbones GHS05: GHS: corrosive GHS08: GHS: health hazard GHS07: GHS: exclamation mark GHS09: GHS: fish and tree
Hazard classification	Acute Tox. 3 : Acute toxicity, Category 3 Acute Tox. 4 : Acute toxicity, Category 4 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1 Eye Dam. 1 : Serious eye damage/irritation, Category 1 Eye Irrit. 2 : Serious eye damage/irritation, Category 2 Flam. Sol. 1 : Flammable solid, Category 1 STOT RE 1 : Specific target organ toxicity — repeated exposure, Category 1 STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2 Skin Corr. 1C : Skin corrosion/irritation, Category 1C Skin Sens. 1 : Skin sensitization, Category 1 Water-react. 2 : Substance or mixture which in contact with water emits flammable gas, Category 2
Hazard Statement(s)	H228: Flammable solid. H261: In contact with water releases flammable gases. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H372: Causes damage to organs through prolonged or repeated exposure. H373: May cause damage to organs through prolonged or repeated exposure. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects.



SAFETY DATA SHEET

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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