Derwent Academy Metallic Markers
SAFETY DATA SHEET

Date of Issue: 01-01-2024
Date of Revision: 01-01-2024

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

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

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

Manufacturer	
Company Identification	Acco UK Ltd. Millennium House, 65 Walton Street. Aylesbury. Bucks. HP21 7QG
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
Supplier	
Company Identification	Esselte SAS 9 avenue Edouard Belin 92566 Rueil-Malmaison Cedex France
Telephone	+33 (01) 49 68 13 00
E-mail	contactfrance@acco.com
Website	www.esselte.com
Office hours	09:00 - 17:00

1.4 Emergency telephone number

Company (United Kingdom)	+44 (0) 844 209 8360 (09:00 - 17:00)
Company (France)	+33 (01) 49 68 13 00 (09:00 - 17:00)

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.
This product contains: ≤1% 3-iodo-2-propynyl butylcarbamate (55406-53-6) - Endocrine disrupting properties.

2.4 Additional Information

None.

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	107-21-1	203-473-3 01-2119456816-28-XXXX	2.5-10	Acute Tox. 4 H302 STOT RE 2 H373	GHS08 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 Dam. 1 H318 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 GHS07 GHS09

HAZARDOUS INGREDIENT(S)	CAS No.	Specific Concentration Limit	M-factor	ATE
Ethanediol	107-21-1			Acute Tox. 4 (H302): 500.000
2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol	95-38-5		Aquatic Acute 1: 10	Acute Tox. 4 (H302): 500.000
3-iodo-2-propynyl butylcarbamate	55406-53-6		Aquatic Acute 1: 10	Acute Tox. 4 (H302): 500.000 Acute Tox. 3 (H331): 0.500

Contains no non-classified vPvB substances.
Contains no non-classified substances with a Union workplace exposure limit.
For full text of H/P Statements see section 16.

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.

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.

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.

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.

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
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

Source UK Workplace Exposure Limits EH40/2005 (Fourth edition, published 2020)
Sk Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid.
Colour	Variant.
Odour	Alcohol-like.
Melting point/freezing point	Not applicable.
Boiling point or initial boiling point and boiling range	100° C (Mixture)
Flammability	Non-flammable.

Lower and upper explosion limit	Not applicable.
Flash Point	101° C (Mixture)
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
pH	8 @ 20° C (Mixture)
Kinematic Viscosity	9 mPa•s @ 20° C (Mixture)
Solubility	Solubility (Water): Insoluble. Solubility (Other): Not known.
Partition coefficient n-octanol/water (log value)	Not applicable.
Vapour pressure	23 hPa @ 20° C (Mixture)
Density and/or relative density	Density (g/ml): 1.09 @ 20° C (Mixture)
Relative vapour density	Not applicable.
Particle characteristics	Not applicable.

9.2 Other information

Solvent content	Organic solvents: 0.7% Water: 59.3% Solid content: 10.7%

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

Not known.

10.5 Incompatible materials

None anticipated.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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 hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Ingestion	Calculation method : Not classified. Low oral toxicity. Calculated acute toxicity estimate (ATE) - 4237.29000
Acute toxicity - Skin Contact	Calculation method : Not classified. Low acute toxicity.
Acute toxicity - Inhalation	Calculation method : Not classified. Low acute toxicity.

	Calculated acute toxicity estimate (ATE) - 55.56000
Skin corrosion/irritation	Calculation method : Not classified. Unlikely to cause skin irritation.
Serious eye damage/irritation	Calculation method : Not classified. Unlikely to cause eye irritation.
Skin sensitization data	Calculation method : Not classified. It is not a skin sensitiser.
Respiratory sensitization data	Calculation method : Not classified.
Germ cell mutagenicity	Calculation method : Not classified. There is no evidence of mutagenic potential.
Carcinogenicity	Calculation method : Not classified. No evidence of carcinogenicity.
Reproductive toxicity	Calculation method : Not classified. No evidence of reproductive effects.
Lactation	Calculation method : Not classified.
STOT - single exposure	Calculation method : Not classified.
STOT - repeated exposure	Calculation method : Not classified.
Aspiration hazard	Calculation method : Not classified.

11.2 Information on other hazards

ECHA Endocrine disruptor assessment list: 55406-53-6 (Reason not given)

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Low toxicity to aquatic organisms.

12.2 Persistence and degradability

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 Endocrine disrupting properties

ECHA Endocrine disruptor assessment list: 55406-53-6 (Reason not given)

12.7 Other adverse effects

Not known.

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.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number or ID 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 known

14.7 Maritime transport in bulk according to IMO instruments

Not known

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), ethanediol (107-21-1), 2-(2-heptadec-8-enyl-2-imidazolin-1-yl)ethanol (95-38-5)
Community Rolling Action Plan (CoRAP)	Not listed
Regulation (EU) N° 2019/1021 of the European Parliament and of the Council on persistent organic pollutants	Not listed
Regulation (EC) N° 1005/2009 on substances that deplete the ozone layer	Not listed
Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals	Not listed

National regulations

Wassergefährdungsklasse (Germany)	Article: nwg (non-hazardous to water)

15.2 Chemical Safety Assessment

Not applicable.

SECTION 16: OTHER INFORMATION

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

LEGEND

Company Identification:	Address change
Hazard Pictogram(s)	GHS02: GHS: Flame GHS05: GHS: Corrosion GHS06: GHS: Skull and crossbones GHS07: GHS: Exclamation mark GHS08: GHS: Health hazard GHS09: GHS: Environment
Hazard classification	Flam. Sol. 1 : Flammable solid, Category 1 Water-react. 2 : Substance or mixture which in contact with water emits flammable gas, Category 2 Acute Tox. 4 : Acute toxicity, Category 4 Skin Corr. 1C : Skin corrosion/irritation, Category 1C Skin Sens. 1 : Skin sensitization, Category 1 Eye Dam. 1 : Serious eye damage/irritation, Category 1 Acute Tox. 3 : Acute toxicity, Category 3 STOT RE 1 : Specific target organ toxicity — repeated exposure, Category 1 STOT RE 2 : Specific target organ toxicity — repeated exposure, Category 2 Aquatic Acute 1 : Hazardous to the aquatic environment, Acute, Category 1 Aquatic Chronic 1 : Hazardous to the aquatic environment, Chronic, Category 1
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. 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.
Acronyms	ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

EC : European Community
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

Key literature references and sources for data used to compile the SDS	Regulation (EC) No. 1272/2008 (CLP)
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