



SelectaDNA Property Marking Adhesive

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	SelectaDNA Property Marking Adhesive.
Trade name	SelectaDNA Property Marking Adhesive.
Product code	UK 19509, 19510, 19511, 19520, 19530, 19540
CAS No.	Mixtures.
EINECS No.	Mixtures.
REACH Registration No.	None assigned.
1.2 Relevant identified uses of the substance or mixture and uses advised against	
Identified use(s)	<ul style="list-style-type: none">DNA Property Marker (including UV and microdots) used to mark items of property e.g. electronics and ICT equipment found in homes, offices, schools and universities etc.Solution is a milky colour when applied and dries/cures clear onto the marked item.It should not be mixed with any other solution.Used in conjunction with SelectaDNA warning signs to provide a proven credible theft deterrent.
Uses advised against	None known.
1.3 Details of the supplier of the Safety Data Sheet	
Company Identification	Selectamark Security Systems plc 1 Locks Court 429 Crofton Road Locksbottom Kent BR6 8NL United Kingdom
Telephone	+44 1689 860757
Fax	+44 1689 860693
E-Mail (competent person)	sds@selectamark.co.uk
1.4 Emergency telephone number	
National Poisons Information Service	111
Company	+44 1689 860757 (Office hours)

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
Regulation (EC) No. 1272/2008 (CLP)	Not classified as hazardous for supply.
2.2 Label elements	
Product Name	According to Regulation (EC) No. 1272/2008 (CLP) SelectaDNA Property Marking Adhesive.
Hazard pictogram(s)	None.
Signal word(s)	None.
Hazard statement(s)	None.
Precautionary statement(s)	None.
2.3 Other hazards	None.
2.4 Additional Information	None.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

EC Classification No. 1272/2008

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. / REACH Registration No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
(2-methoxymethylethoxy)propanol	34590-94-8	252-104-2 / 01-2119450011-60-XXXX	1 - 10	Not classified	None
1-methoxypropan-2-ol	107-98-2	203-539-1 / 01-2119457435-35-XXXX	<5	Flam. Liq. 3 H226 STOT SE 3 H336	GHS02 GHS07
N-methyl-2-pyrrolidone	872-50-4	212-828-1 / 01-2119472430-46-XXXX	<0.3	Skin Irrit. 2 H315 Eye Irrit. 2 H319 STOT SE 3 H335 Repr. 1B H360D	GHS07
Disodium 2, 2'- (1, 1'-biphenyl-4, 4'-diyldivinylen) bis (benzenesulphonate)	27344-41-8	248-421-0 / 01-2119533064-49-XXXX	<0.1	Eye Irrit. 2 H319	GHS07
Ethane-1,2-diol	107-21-1	203-473-3 / 01-2119456816-28-XXXX	<0.1	Acute Tox. 4 H302	GHS07

3.3 Additional Information

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

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation

Unlikely route of exposure. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact

Wash affected skin with soap and water.

Eye Contact

Flush eyes with water for at least 15 minutes.

Ingestion

Do not induce vomiting wash out mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Unlikely to be required but if necessary treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

No special requirements.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media

Extinguish preferably with foam, carbon dioxide or dry chemical.

Unsuitable Extinguishing Media

None known.



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- 5.2 **Special hazards arising from the substance or mixture** None known.
- 5.3 **Advice for fire-fighters** 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** Provide adequate ventilation.
- 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** Cover spills with inert absorbent material. Transfer to a container for disposal.
- 6.4 **Reference to other sections** See Also Section: 8, 13.

7. SECTION 7: HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** Provide adequate ventilation. Wash hands thoroughly after handling.
- 7.2 **Conditions for safe storage, including any incompatibilities** Reseal lid securely after use. Store in a cool location, out of direct sunlight and away from heat sources. Do not freeze. Store locked up.
Ambient.
Stable under normal conditions.
- Storage Temperature
Storage Life
Incompatible materials
- 7.3 **Specific end use(s)** None known.
For the relevant identified use(s) listed in Section 1 the advice mentioned in this Section 7 is to be observed.




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
1-methoxypropan-2-ol	107-98-2	100	375	150	560	Sk
1-methoxypropan-2-ol	107-98-2	100	375	150	568	IOELV, Skin
N-methyl-2-pyrrolidone	872-50-4	10	40	20	80	Sk
N-methyl-2-pyrrolidone	872-50-4	10	40	20	80	IOELV, Skin
Ethane-1,2-diol (Particulate)	107-21-1	-	10	-	-	Sk
Ethane-1,2-diol (Vapour)	107-21-1	20	52	40	104	Sk
Ethane-1,2-diol	107-21-1	20	52	40	104	IOELV, Skin
(2-methoxymethylethoxy) propanol	34590-94-8	50	308	-	-	Sk
(2-methoxymethylethoxy) propanol	34590-94-8	50	308	0	0	IOELV, Skin

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Source: WEL: Workplace Exposure Limit (UK HSE EH40)
 IOELV - Indicative Occupational Exposure Limit Value
 Sk - Can be absorbed through skin.
 Skin - The possibility of significant uptake through the skin.

8.1.2 Biological limit value	No information available.
8.1.3 PNECs and DNELs	No information available.
8.2 Exposure controls	
8.2.1 Appropriate engineering controls	Provide adequate ventilation.
8.2.2 Personal protection equipment	
Eye/face protection	Not normally required. Wear protective eye glasses for protection against liquid splashes.
	
Skin protection (Hand protection/ Other)	Not normally required. Wear suitable gloves if prolonged skin contact is likely.
	
Respiratory protection	No personal respiratory protective equipment normally required.
	
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	Liquid.
Colour	Milky white.
Odour	Ammoniacal.
Odour Threshold	Not established.
pH	Not available.
Melting Point/Freezing Point	0 °C
Initial boiling point and boiling range	100 °C
Flash point	Not applicable.
Evaporation rate	Not established.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	Soluble in water.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.



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9.2 Other information None.

10. SECTION 10: STABILITY AND REACTIVITY

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	Heat and direct sunlight.
10.5	Incompatible materials	None known.
10.6	Hazardous Decomposition Product(s)	No hazardous decomposition products known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1	Information on toxicological effects	
	Acute toxicity	Low oral toxicity.
	Skin corrosion/irritation	Non-irritant.
	Serious eye damage/irritation	Not classified.
	Respiratory or skin sensitisation	It is not a skin sensitiser.
	Germ cell mutagenicity	There is no evidence of mutagenic potential.
	Carcinogenicity	No evidence of carcinogenicity.
	Reproductive toxicity	No evidence of reproductive effects.
	STOT - single exposure	None anticipated.
	STOT - repeated exposure	None anticipated.
	Aspiration hazard	None anticipated.
11.2	Other information	None.

12. SECTION 12: ECOLOGICAL INFORMATION

The following information is based on a consideration of the properties of the main components of this mixture.

12.1	Toxicity	Low toxicity to aquatic organisms.
12.2	Persistence and degradability	The harmful ingredients are biodegradable.
12.3	Bioaccumulative potential	The product has low potential for bioaccumulation.
12.4	Mobility in soil	Soluble in water. The product is predicted to have high mobility in soil.
12.5	Results of PBT and VPvB assessment	Not classified as PBT or vPvB.
12.6	Other adverse effects	None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Dispose at suitable refuse site.
13.2	Additional Information	Dispose of contents in accordance with local, state or national legislation.



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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 applicable.
14.6	Special precautions for user	Not applicable.
14.7	Transport in bulk according to Annex II of MARPOL73/78 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	
15.1.1	EU regulations	
	Authorisations and/or restrictions on use	
	Candidate List of Substances of Very High Concern for Authorisation	Listed: N-methyl-2-pyrrolidone (CAS No.: 872-50-4)
	REACH: ANNEX XIV list of substances subject to authorisation	All chemicals are not listed.
	REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	Listed: N-methyl-2-pyrrolidone (CAS No.: 872-50-4), 1-methoxypropan-2-ol (CAS No.: 107-98-2)
	Community Rolling Action Plan (CoRAP)	All chemicals are not listed.
15.1.2	National regulations	None known.
15.2	Chemical Safety Assessment	Not applicable.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1 – 4, 6 – 8, 11, 13, 16

LEGEND

Hazard Pictogram(s)	GHS02: GHS: flame GHS07: GHS: exclamation mark
Hazard classification	Acute Tox. 4 : Acute toxicity, Category 4 Eye Irrit. 2 : Serious eye damage/irritation, Category 2 Flam. Liq. 3 : Flammable liquid, Category 3 Repr. 1B : Reproductive toxicity, Category 1B STOT SE 3 : Specific target organ toxicity — single exposure, Category 3 STOT SE 3_H336 : Specific target organ toxicity — single exposure, Category 3 Skin Irrit. 2 : Skin corrosion/irritation, Category 2
Hazard Statement(s)	H226: Flammable liquid and vapour. H302: Harmful if swallowed. H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H360D: May damage the unborn child.



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Acronyms

CAS : Chemical Abstracts Service
CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL : Derived No Effect Level
EC : European Community
EINECS : European Inventory of Existing Commercial Chemical Substances
LTEL : Long term exposure limit
PBT : Persistent, Bioaccumulative and Toxic
PNEC : Predicted No Effect Concentration
REACH : Registration, Evaluation, Authorisation and Restriction of Chemicals
STEL : Short term exposure limit
STOT : Specific Target Organ Toxicity
vPvB : very Persistent and very Bioaccumulative

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Annex to the extended Safety Data Sheet (eSDS)

Not applicable.