



LUXURY EYE

Report no. : GSL20200316019
Applicant : Luxury Eye Ltd

Address : 4 Langdale Court, Market Square, Witney, OX28 6FG.

Product Name : NO 1 Bond
Composition/Ingredient : SEE SECTION 3 ON THE SDS

Summary : As per request, the contents and formats of the SDS are prepared in according with US Regulations Relating to Labor 29 CFR 1910.1200(g), and is provided per attached.

1 Identification

- **Product identifier**
- **Trade name:** NO 1 bond
- **Product type:** A+
- **Recommended use of the chemical and restrictions on use**
- **Application of the substance/ mixture:** Glue.
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** Luxury Eye Ltd, 4 Langdale Court, Market Square, Witney, OX28 6FG.
Tel: +44 7404241288
Email: info@luxuryeye.co.uk
- **Emergency telephone number**
- US Poison Center**
Tel: + 1 800 222 1222

2 Hazard(s) identification

•Classification of the substance or mixture:

<i>Skin corrosion/irritation</i>	<i>Category 2</i>	<i>Causes skin irritation</i>
<i>Serious eye damage/eye irritation</i>	<i>Category 2A</i>	<i>Causes serious eye damage</i>
<i>Specific target organ toxicity, single exposure- Respiratory tract irritation,</i>	<i>Category 3</i>	<i>May cause respiratory irritation</i>

•Classification system:

The classification is according to the latest edition of OSHA Hazard Communication Standard (29 CFR 1910.1200) and extended by company and literature data.

• Label elements

• Labeling according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

• Hazard pictograms:



Causes skin irritation
Causes serious eye damage
May cause respiratory irritation

•Signal word: Warning

•Hazard -determining components of labelling: Ethyl 2-cyanoacrylate

•Hazard statements:

Avoid breathing vapors/mist.

• Precautionary statement:

Use only outdoors or in a well-ventilated area.

Wash hands and face thoroughly after handling.

Wear protective gloves / eye protection/face protection.

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

Specific treatments see the first aid measures on this label.

Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container in accordance with local regulations.

•Hazards not otherwise classified (HNOC): No known otherwise hazard classified.

3 Composition/information on ingredients

• **Chemical characterization:** Mixture

• **Description:**

Mixture of the substances listed below with nonhazardous additions; For the wording of the listed risk phrases refer to section 16.

• Components:		
CAS No.	Composition Name	w/w, %
7085-85-0	Ethyl 2-cyanoacrylate ⚠ Skin corrosion/irritation, Category 2; Serious eye damage/eye irritation, Category 2A; Specific target organ toxicity, single exposure; Respiratory tract irritation, Category 3	85-90
9011-14-7	Polymethyl methacrylate	5-10
1333-86-4	Carbon black substance with a community workplace exposure limit	<5

4 First aid measures

• **Description of first aid measures**

After inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

After skin contact: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

After eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

After swallowing: Rinse mouth. If feel unwell, get medical advice/attention.

• **Information for doctor**

• **Most important symptoms and effects, both acute and delayed:** Causes skin irritation; Causes serious eye damage; May cause respiratory irritation

• **Indication of any immediate medical attention and special treatment needed:** Treat according to symptom, there is not known specific medicine.

5 Fire-fighting measures

• **Suitable extinguishing agents:** CO₂, chemical powder or water spray. DO NOT use water with full jet.

• **Special hazards arising from the substance or mixture:** May produce irritant vapor under fire.

• **Special protective equipment and precaution for firefighters**

Protective equipment: Wear fully protective suit and mouth respiratory protective device.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures:

Cut off the leakage source, and collect spillage timely if safe do it; Ensure adequate ventilation; Wear protective gloves /eye protection/face protection; Avoid breathing vapors; Avoid contact with skin and eyes.

· Environmental precautions:

Do not allow the product to enter sewers/surface or ground water.

Inform respective authorities in case of seepage into water course or sewages system.

· Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust); Do not flush with water or aqueous cleansing agents. Dispose contaminated material as waste according to item 13.

7 Handling and storage

· Handling

· Precautions for safe handling:

Read the label before use it; Use only outdoors or in a well-ventilated area; Wear protective gloves /eye protection/face protection; Avoid breathing vapors; Avoid contact with eyes and skin.

· Information about fire and explosion protection: *Normal measures for preventive fire protection.*

· Conditions for safe storage, including any incompatibilities

· Requirements to be met by storerooms and receptacles: *Store in a cool and well-ventilated place.*

· Information about storage in one common storage facility: *Keep away out of reach of children.*

· Further information about storage conditions: *Store locked up.*

8 Exposure controls/personal protection

• **Components with limit values that require monitoring at the workplace:**

CAS No.	Composition Name	Limit value
7085-85-0	Ethyl 2-cyanoacrylate	ACGIH TLV: 0.2 ppm 8-hour TWA; 1 ppm STEL; Cal/OSHA PEL: 0.2 ppm (1.02 mg/m ³) TWA
1333-86-4	Carbon black	OSHA PEL: 3.5 mg/m ³ 8-hour TWA; ACGIH TLV: 3.5 mg/m ³ (inhalable particulate matter) 8-hour TWA; Cal/OSHA PEL: 3.5 mg/m ³ 8-hour TWA

• **Additional information:** The lists that were valid during the creation were used as basis.

• **Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:**

• **Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; Wash hands and face after handling; See section 7 for information about design of technical facilities.

• **Personal protective equipment:**

• **Breathing equipment:** Suitable respiratory protective device recommended.

• **Protection of hands:**



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• **Eye protection:**



Protective goggles with side-shields.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· Appearance:

Form	Liquid
Color	Black
Odor	Odorless
Odor threshold	Not applicable
pH -value	Not determined.

· Change in condition

Melting point/melting range	Not determined.
Boiling point and boiling range	195°C
Freezing point	Not determined.
Flash point	>93°C (closed cup)
Flammability (solid, gas)	Not applicable
Decomposition temperature	Not determined.
Self-ignition	485°C
Danger of explosion	Product does not present explosive hazard.

· Explosion limits

Lower:	Not explosive
Upper:	Not explosive

Oxidizing properties	Not oxidizing agent
Vapor pressure	0.13mmHg at 25°C
Density	Not determined.
Relative density	Not determined.
Vapor density	>1 (air=1)
Evaporation rate	Not determined.

· Solubility in/Miscibility with

Water	Insoluble in water
Partition coefficient (n -octanol/water)	Not determined.

· Viscosity

Dynamic	Not determined.
Kinematic	Not determined.

Other information	Not determined.
--------------------------	-----------------

10 Stability and reactivity

- **Reactivity:** No decomposition if used according to specification.
- **Chemical stability:** Stable under recommended storage conditions.
- **Possibility of hazardous reactions:** No known hazardous reaction.
- **Conditions to avoid:** High temperature.
- **Incompatible materials:** Strong acid and alkali metals.
- **Hazardous decomposition products:** No known hazardous decomposition products.

11 Toxicological information

• **Acute toxicity** : Not acute toxicity mixture.

• **LD/LC50 values that is relevant for classification**: No animal test been done for this product.

7085-85-0 Ethyl 2-cyanoacrylate		
Rat	LD50-oral	>5ml/kg
1333-86-4 Carbon black		
Rabbit	LD50-skin	>3000mg/kg
Rat	LD50-oral	>15400mg/kg
Remark: The above data are from literature.		

• **Primary irritant effect**

• **Skin corrosion/irritation**: Not irritant to skin.

• **Serious eyes damage/ irritation**: Irritant to eyes.

• **Sensitization**: Not sensitive to skin or respiratory.

Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations: Irritant.

• **Carcinogenic categories**

• **IARC (International Agency for Research on Cancer):**

9011-14-7	Polymethyl methacrylate	3
1333-86-4	Carbon black	2B

• **NTP (National Toxicology Program)**: None of the ingredients is listed.

12 Ecological information

• **Toxicity**

• **Aquatic toxicity**: Not hazardous to the aquatic environment.

1333-86-4 Carbon black	
Short-term toxicity to fish	LC50 (14 days) 248 mg/L
Long-term toxicity to fish	NOEC (30 days) 17 mg/L
Short-term toxicity to aquatic invertebrates	EC50 (24 h) 5.6 g/L
	LC50 (48 h) 164 mg/L
	NOEC (24 h) 3.2 g/L
Long-term toxicity to aquatic invertebrates	EC50 (16 days) 4.9 mg/L
Toxicity to aquatic algae and cyanobacteria	EC50 (4 days) 95 mg/L

• **Persistence and degradability**: Readily biodegradable.

• **Bio-accumulative potential**: Low bio-accumulation.

• **Mobility in soil**: Low mobility in soil.

• **Additional ecological information**

• **Other adverse effects**: No further relevant information available.

13 Disposal consideration

· **Waste treatment methods**

· **Recommendation** : Small quantities can be disposed together with household garbage; Large quantities disposed must be in according to the local regulation.

· **Un-cleaned packaging**

· **Recommendation**: Dispose of contents/container in according to the local regulation.

14 Transport information

· UN -Number <i>DOT, IMDG, IATA</i>	<i>Not regulated as dangerous goods, not applicable</i>
· UN proper shipping name <i>DOT, IMDG, IATA</i>	<i>Void</i>
· Transport hazard class (es) <i>DOT, IMDG, IATA</i> <i>Class</i> <i>Label</i>	<i>Void</i> <i>Void</i>
· Packing group <i>DOT, IMDG, IATA</i>	<i>Void</i>
· Environmental hazardous <i>Marine pollution</i>	<i>No</i>
· Special precautions for user · Danger code (Kemler) · EMS number	<i>Void</i> <i>Void</i> <i>Void</i>
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	<i>Void</i>
· UN “Model Regulation”	<i>Void</i>

15 Regulatory information	
<ul style="list-style-type: none"> · <i>Safety, health and environmental regulations/legislation specific for the substance or mixture</i> · <i>Sara</i> · <i>Section 355 (extremely hazardous substances): None of the ingredients is listed.</i> · <i>Section 313 (Specific toxic chemical listings): None of the ingredients is listed.</i> 	
·TSCA (Toxic Substances Control Act):	
7085-85-0	Ethyl 2-cyanoacrylate
9011-14-7	Polymethyl methacrylate
1333-86-4	Carbon black
· Proposition 65	
·Chemicals known to cause cancer:	
1333-86-4	Carbon black
·Chemicals known to cause reproductive toxicity f or females: None of the ingredients is listed.	
·Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.	
·Chemicals known to cause developmental toxicity: None of the ingredients is listed.	
·Washington, WAC 173-334-130 (CHCC): None of the ingredients is listed.	
·Chemicals of Concern, published by Maine DEP on July, 2015: None of the ingredients is listed.	
·Chemicals of High Concern to Children, published by Department of Health, Vermont, Rev Date Nov 24, 2014: None of the ingredients is listed.	
·High Priority Chemicals of Concern for children's Health, Oregon, update on May 18, 2016: None of the ingredients is listed.	
·Carcinogenicity categories	
·EPA (Environmental Protection Agency): None of the ingredients is listed.	
·TLV (Threshold Limit Value established by ACGIH):	
1333-86-4	Carbon black
	A3
·NIOSH -Ca (National Institute for Occupational Safety and Health): None of the ingredients is listed.	
·OSHA-Ca (Occupational Safety & Health Administration): None of the ingredients is listed.	

16 Other information

Relevant phrases:

Skin corrosion/irritation, Category 2 Causes skin irritation

Serious eye damage/eye irritation, Category 2A Causes serious eye irritation

Specific target organ toxicity, single exposure, Category 3 Respiratory tract irritation

The contents and format of this SDS are in accordance with 29 CFR 1910.1200(g).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Abbreviations and acronyms:

DOT: Department of Transportation

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

NOEC: No observed effect concentration

EC50: Concentration of maximal effect, 50 percent

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

End of safety data sheet