1. Identification of the preparation and of the company

1.1. Identification of the preparation
Name of the product: Everlux Glue

1.2. Relevant identified uses of the substance or mixture and uses advised against
Relevant uses: Multiuse adhesive
Uses advised against: All uses not specified in this section or in section 7.3

1.3. Identification of the company
Company: Ertecna,lda.
Address: E.N. 109 | Araújos | Brenha
3080-436 Figueira da Foz | Portugal
Telephone: +351 233 40 25 40 Fax: +351 233 40 25 45

1.4. Emergency contact

General number: 084 54 647
National Poisons Information Service - For NHS Health Professionals Only: 0844 892 0111

2. Hazards identification

2.1. Classification of the substance or mixture: unknown

2.1.1 CLP Regulation (EC) nº 1272/2008): The product is not classified as dangerous according to CLP Regulation (EC) nº 1272/2008.

2.1.2. Supplementary information: not applicable.

2.2. Label elements:

CLP Regulation (EC) nº 1272/2008):
- Hazard statements: Non-applicable.
- Precautionary statements: Non-applicable.

Supplementary information: EUH208: Contains Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate, N-(3-(trimethoxysilyl)propyl)ethylenediamine. May produce an allergic reaction.

2.3. Other hazards: Product fails to meet PBT/vPvB criteria.

3. Composition/Information on its components

3.1. Substance: Non-applicable.

3.2. Mixture:

Chemical description: Mixture composed of chemical products.
Components: In accordance with Annex II of Regulation (EC) nº1907/2006 (point 3), the product contains:

Chemical name	CAS	EC	Hazard phrases	Self-classified	Concentration
Trimethoxyvinylsilane[1] (nº REACH: 01-2119513215-52-XXXX)	2768-02-7	220-449-8	Acute Tox.4: H332 Flam. Liq. 2: H225 STOT RE 2: H373	GHS02 GHS07 GHS08	1 - <5%

[1]Substances presenting a health or environmental hazard which meet criteria laid down in Regulation (EU) No. 2015/830.

To obtain more information on the risk of the substances consult sections 8, 11, 12, 15 and 16.

4. First Aid Measures

4.1. Description of first aid measures

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation: This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact: In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of modifications on the skin (stinging, redness, rashes, blisters...), seek medical advice with this Safety data Sheet.

By eye contact: This product does not contain substances classified as hazardous for eye contact. Rinse eyes thoroughly for at least 15 minutes with lukewarm water, ensuring that the person affected does not rub or close their eyes.

By ingestion/aspiration: In case of consumption, seek immediate medical assistance showing the SDS of this product.

Personal protection for first-aiders: Not relevant.

4.2. Most important symptoms and effects, both acute and delayed: Acute and delayed effects are indicated in sections 2 and 11.

4.3. Indication of any immediate medical attention and special treatment needed: non-applicable.

5. Firefighting measures

5.1. Extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use, containing flammable substances. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

5.2. Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3. Advice for firefighters: Special protective equipment:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit...) in accordance with Directive 89/654/EC.

Additional provisions: Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inertization agent. Destroy any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

6.2. Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water.

6.3. Methods and material for containment and cleaning up:

It is recommended: Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4. Reference to other sections: See sections 8 and 13.

7. Handling and storage

7.1. Precautions for safe handling:

Precautions for safe manipulation: Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

Technical recommendations for the prevention of fires and explosions: Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks...) and transfer at slow speeds to avoid the creation of electrostatic charges. Avoid projections and pulverizations. Consult section 10 for conditions and materials that should be avoided.

Technical recommendations to prevent ergonomic and toxicological risks: Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

Technical recommendations to prevent environmental risks: It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3).

7.2. Conditions for safe storage, including any incompatibilities:

Technical measures and storage conditions: maintain temperature conditions between 5ºC and 30ºC.
Packaging of the product: see point 10.5.
Storage location requirements: place where it is possible to avoid sources of heat, radiation, static electricity or contact with food.
Storage class: not applicable.

7.3. Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8. Exposure controls/personal protection

8.1. Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment (EH40/2005 Workplace exposure limits):
There are no occupational exposure limits for the substances contained in the product

DNEL (Workers)		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Trimethoxyvinylsilane CAS: 2768-02-7 EC: 220-449-8	Oral Dermal Inhalation	Non-applicable Non-applicable Non-applicable	Non-applicable Non-applicable Non-applicable	Non-applicable 0.69 mg/kg 4.9 mg/m^3	Non-applicable Non-applicable Non-applicable

DNEL (General population)		Short exposure		Long exposure	
Identification		Systemic	Local	Systemic	Local
Trimethoxyvinylsilane CAS: 2768-02-7 EC: 220-449-8	Oral Dermal Inhalation	Non-applicable 26.9 mg/kg 93.4 mg/m^3	Non-applicable Non-applicable Non-applicable	0.3 mg/kg 0.3 mg/kg 1.04 mg/m^3	Non-applicable Non-applicable Non-applicable

PNEC

Identification				
Trimethoxyvinylsilane CAS: 2768-02-7 EC: 220-449-8	STP Soil Intermittent Oral	110mg/L 0.052 mg/kg 3.4 mg/L Non-applicable	Fresh water Marine water Sediment (Fresh water) Sediment (Marine water)	0.34 mg/L 0.034 mg/L 1.24 mg/kg 0.12 mg/kg

8.2. Exposure controls:

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

8.2.1. Individual protection equipments

8.2.1.1. Eye and face protection:

Panoramic glasses against splash/projections (CE - CAT II).
Clean daily and disinfect periodically according to the manufacturer´s instructions. Use if there is a risk of splashing.

8.2.1.2. Skin protection:

Mandatory hand protection:
Protective gloves against minor risks (CE - CAT I).
Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420 and EN 374.
Body protection:
Work clothing (CE - CAT I). Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 6529:2001, EN ISO 6530:2005, EN ISO 13688:2013, EN 464:1994.
Anti-slip work shoes (CE – CAT II). Replace before any evidence of deterioration. For periods of prolonged exposure to the product for professional/industrial users CE III is recommended, in accordance with the regulations in EN ISO 20345 y EN 13832-1.

8.2.1.3. Breath protection:

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded.

8.2.1.4. Additional emergency measures:

Avoid contact with skin, eyes and clothing. In case of exposure use safety shower and eye wash.
Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks, immediately after handling the product.
Do not eat, drink or smoke during handling.

8.2.2. Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D.
Volatile organic compounds:
With regard to Directive 2010/75/EU, this product has the following characteristics:
V.O.C. (Supply): 3,2 % weight
V.O.C density at 20ºC: 48 kg/m³ (48 g/L)
Average carbon number: 5,16
Average molecular weight: 153,06 g/mol

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Physical appearance state at 20ºC: liquid
Appearance: paste
Colour: white
Odour: not available
Odour threshold: non-applicable*
ph: non-applicable*
Melting point/freezing point: non-applicable*
Boiling point at atmospheric pressure: 331ºC
Flammability (solid, gas): non-applicable*
Lower flammability limit: non-applicable*
Upper flammability limit: non-applicable*
Vapour density at 20 ºC: non-applicable*
Density at 20º C: 1500 kg/m³
Relative density at 20 ºC: 1,5 g/ml
Partition coefficient n-octanol/water 20 ºC: non-applicable*
Solubility in water at 20 ºC: non-applicable*
Autoignition temperature: 295º C
Decomposition temperature: non-applicable*

Dynamic viscosity at 20 ºC: non-applicable*
Kinematic viscosity at 20 ºC: non-applicable*
Kinematic viscosity at 40 ºC: >20,5 cSt
Explosive properties: non-applicable*
Oxidising properties: non-applicable*

9.2. Other information:
Surface tension at 20 ºC: non-applicable*
Refraction index: non-applicable*

*Not relevant due to the nature of the product, not providing information property of its hazards

10. Stability and reactivity

10.1. Reactivity: no hazardous reactions are expected if they comply with the technical instructions for storage of chemicals.

10.2. Chemical stability: chemically stable under the conditions of storage, handling and use.

10.3. Possibility of hazardous reactions: under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4. Conditions to avoid: applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	Not applicable

10.5. Incompatible materials:

Acids	Water	Combustive materials	Combustible materials	Others
Avoid strong acids	Not applicable	Avoid direct impact	Not applicable	Avoid alkalis or strong bases

10.6. Hazardous decomposition products:
See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

11. Toxicological information

11.1. Information on toxicological effects: The experimental information related to the toxicological properties of the product itself is not available.

Dangerous health implications: In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:
A. Ingestion (acute effect):
- Acute toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

B. Inhalation (acute effect):
- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for inhalation. For more information see section 3.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3..

C. Contact with the skin and the eyes (acute effect):
- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for skin contact. For more information see section 3.

- Contact with the eyes: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

D. CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):
- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.
- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E. Sensitizing effects:
- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.
- Cutaneous: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

F. Specific target organ toxicity (STOT) - single exposure:
- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

G. Specific target organ toxicity (STOT)-repeated exposure:
- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, however, it does contain substances classified as dangerous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H. Aspiration hazard:
- Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

11.2. Specific toxicology information on the substances:

Identification	CAS	EC	Acute toxicity		Genus
Trimethoxyvinylsilane	2768-02-7	220-449-8	DL50 oral DL50 dermal CL50 inhalation	7236 mg/kg 3880 mg/kg (ATEi) 11mg/L (4h) (ATEi)	Rat Rabbit -

12. Ecological information

Additional ecological information: The experimental information related to the eco-toxicological properties of the product itself is not available.

12.1. Toxicity:

Component	CAS	EC	Acute toxicity		Species	Genus
Trimethoxyvinylsilane	2768-02-7	220-449-8	CL50 EC50 EC50	191mg/L (96h) 167mg/L (48h) 957mg/L (72h)	Oncorhynchus mykiss Daphnia magna N/A	Fish Crustacean Algae

12.2. Persistence and degradability:

Component	CAS	EC	Degradability		Biodegradability	
Trimethoxyvinylsilane	2768-02-7	220-449-8	BOD5 COD BOD5/COD	Non-applicable Non-applicable Non-applicable	Concentration Period % Biodegradable	104mg/L 28 days 51%

12.3. Bioaccumulative potential: Not available.

12.4. Mobility in soil: Not available.

12.5. Results of PBT and vPvB assessment: Product fails to meet PBT/vPvB criteria.

12.6. Other adverse effects: Not described.

13. Disposal considerations

Waste treatment methods
Product / package / waste codes / waste names according to legislation:

Code	Description	Waste class (Regulation (EU) No 1357/2014)
08 04 10	Waste adhesives and sealants other than those mentioned in 08 04 09	Non dangerous

Waste management (disposal and evaluation: Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC, The Waste Regulations 2011, 2011 No. 988). As under 15 01 (2014/955/EU) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:
In accordance with Annex II of Regulation (EC) nº1907/2006 (REACH) the community or state provisions related to waste management are stated.
Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

14. Transport information

Additional Information: This product is not considered to be a hazardous substance according to national and international regulations on the transport of dangerous substances.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:
Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable
Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable
Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable
Article 95, REGULATION (EU) No 528/2012: Non-applicable
REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII REACH, etc ....):
Contains 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich. This product may not be used in children' games or items if the final 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich concentration is greater than 0.1 in the weight of plasticised material.

Specific provisions in terms of protecting people or the environment:
It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009, 2009 No. 716
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009), SI 2009 No 1348
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment (Amendment) Regulations 2011, 2011 No. 1885
Control of Substances Hazardous to Health Regulations 2002 (as amended)
EH40/2005 Workplace exposure limits
The Waste Regulations 2011, 2011 No. 988

16. Other information

Legislation related to safety data sheets:
This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) Nº 1907/2006 (Regulation (EC) Nº 2015/830).

Modifications related to the previous Safety Data Sheet which concerns the ways of managing risks:
COMPOSITION/INFORMATION ON INGREDIENTS (SECTION 3):
· Removed substances
N-(3-(trimethoxysilyl)propyl)ethylenediamine (1760-24-3) Bis(1,2,2,6,6-pentamethyl-4-piperidyl) Sebacate (41556-26-7)
Content of the 3rd section presenting modifications (SECTION 3):
· Trimethoxyvinylsilane (2768-02-7): Hazard statements.

Texts of the legislative phrases mentioned in section 3:
The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3.

CLP Regulation (EC) nº 1272/2008
Acute Tox. 4: H332 - Harmful if inhaled
Flam. Liq. 2: H225 - Highly flammable liquid and vapour
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure (Oral)

Classification procedure: non-applicable

Advice related to training: Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:
http://echa.europa.eu
http://eur-lex.europa.eu

Abbreviations and acronyms:
ADR: European agreement concerning the international carriage of dangerous goods by road
IMDG: International maritime dangerous goods code
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
COD: Chemical Oxygen Demand
BOD5: 5-day biochemical oxygen demand
BCF: Bioconcentration factor
LD50: Lethal Dose 50
LC50: Lethal Concentration 50
EC50: Effective concentration 50
Log-POW: Octanol–water partition coefficient
Koc: Partition coefficient of organic carbon