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Trade name: Extreme Shine Top Coat **2.0**

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Extreme Shine Top Coat **2.0**

Product code:

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Cosmetic applications.

Application of the substance / the mixture Professional applications. Consumer applications.

Uses advised against: None.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: The Gel Bottle, Unit 1 G3 Business Park, Dolphins Road, Shoreham-By-Sea BN43 6AN

Further information obtainable from: contact@thegelbottle.com

Email address of the person responsible for this SDS: contact@thegelbottle.com

1.4 Emergency telephone number: 03337720965

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definition: Mixture**.**

Classification according to Regulation (EC) No 1272/2008
Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

Signal word No signal word.

Hazard statements

No known significant effects or critical hazards.

Precautionary statements

General: Read carefully and follow all instructions. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

Supplemental label elements:

This is a cosmetic or a medicinal product under the EU cosmetic or pharmaceutical legislation and has undergone a safety assessment. Finished cosmetic and medicinal products are exempt in the EU from the legislation requiring the provision of a Safety Data Sheet (SDS). The purpose of this SDS is to provide

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information about the substances within this product to facilitate its safe use, transport, storage and disposal.

Additional Safety advise: For External Use only. Avoid direct contact with eyes. In case of contact with eyes, rinse immediately with plenty of water. If persistent irritation occurs, seek medical attention. · Not to be used for children under 3 years of age. Contains Pentaerythrityl Tetramercaptopropionate . May produce an allergic reaction.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles Not applicable.

Special packaging requirements

Containers to be fitted with child resistant fastenings: Not applicable.

Tactile warning of danger: Not applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Other hazards which do not result in classification None known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures: Mixtures

Ingredient's name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
Isobornyl Acrylate	REACH #: 01-2119957862-25 EC: 227-561-6 CAS:5888-33-5 Index: 607-133-00-9	≥10- ≤22	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 2, H411	STOT SE 3, H335: C ≥ 10%	[1]
Pentaerythrityl Tetramercaptopropionate	REACH #: 01-2119486981-23 EC: 231-472-8 CAS: 7575-23-7	≥10- <20	Acute Tox. 4, H302 Skin Sens. 1, H317 Aquatic Chronic 1, H410	-	[1]
ethyl phenyl (2,4,6-trimethylbenzoyl) phosphinate	EC: 282-810-6 CAS: 84434-11-7	≥1- <2.5	Skin Sens. 1, H317 Aquatic Chronic 2, H411	-	[1]
Hydroxypropyl Methacrylate	REACH #: 01-2119490226-37 EC: 248-666-3 CAS: 27813-02-1	≥0.3- <1	Eye Irrit. 2, H319 Skin Sens. 1, H317	-	[1]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

SECTION 4: First aid measures

4.1 Description of first aid measures

Eye Contact: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

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Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Protection of first aiders: No action shall be taken involving any personal risk or without suitable training.

4.2 Most important symptoms and effects, both acute and delayed

Overexposure signs/symptoms

Eye: No specific data.

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatment: No specific treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: None known.

5.2 Special hazards arising from the substance or mixture

Hazards from the substance/mixture: No specific fire or explosion hazard.

Hazardous thermal decomposition products: Decomposition products may include the following materials:

carbon dioxide

carbon monoxide

5.3 Advice for firefighters

Protective actions: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Protective equipment: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any

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information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material for containment and cleaning up:

Small spill: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

6.4 Reference to other sections

See Section 1 for information emergency contact information.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1 Precautions for safe handling

Protective measures: Put on appropriate personal protective equipment (see Section 8).

Advice on general occupation hygiene: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

8.1 Control parameters

Occupational exposure limits: No exposure indices known.

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Biological exposure indices: No exposure indices known.

Recommended monitoring procedures: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

DNELs/DMELs

Ingredient's name	Type	Exposure	Value	Population	Effects
Isobornyl Acrylate	DNEL	Long term Oral	0.83 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.83 mg/kg bw/day	General population	Systemic
	DNEL	Long term Dermal	1.39 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	1.45 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	4.9 mg/m³	Workers	Systemic
ethyl phenyl(2,4,6-trimethylbenzoyl) phosphinate	DNEL	Long term Oral	0.5 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	0.5 mg/kg bw/day	General population	Systemic
	DNEL	Long-term Inhalation	0.87 mg/m³	General population	Systemic
	DNEL	Long term Dermal	1.4 mg/ kg bw/day	Workers	Systemic
	DNEL	Long-term Inhalation	4.93 mg/m³	Workers	Systemic
Hydroxypropyl Methacrylate	DNEL	Long term Oral	2.5 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	2.5 mg/ kg bw/day	General population	Systemic
	DNEL	Long term Dermal	4.2 mg/kg bw/day	Workers	Systemic
	DNEL	Long term Inhalation	8.8 mg/m³	General population	Systemic
	DNEL	Long term Inhalation	14.7 mg/m³	Workers	Systemic

PNECs: No PNECs available.

8.2 Exposure controls

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

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Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1 Information on basic physical and chemical properties

Appearance:

Physical state:	Liquid [Gel].
Color:	Not available
Odor:	Not available.
pH-value:	Not available.
Specific gravity:	Not available.
Refractive index:	Not available.
Vapor pressure:	Not available
Vapor density:	Not available.
Viscosity:	Not available.
Evaporation rate:	Not available.
Solubility:	Not soluble.
Partition coefficient:	Not available.
Boiling point/Boiling range:	Not available.
Melting point:	Not available.
Flash point:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Flammability:	Not applicable.
Upper/lower flammability or Explosive limits:	Not available.
Oxidizing properties:	Not available.
Explosive properties:	Not available.
Volatile organic content (VOC):	Not available.
Particle characteristics	
Median particle size:	Not applicable.

9.2 Other information No additional information.

SECTION 10: Stability and reactivity

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10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable.

10.3 Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

Under normal conditions of storage and use, hazardous polymerization will not occur.

10.4 Conditions to avoid: No specific data.

10.5 Incompatible materials: No specific data.

10.6 Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2009

Acute toxicity:

Ingredient's name	Result	Species	Dose	Exposure
Isobornyl Acrylate	LD50 Dermal LD50 Oral	Rabbit Rat	>5000 mg/kg 4890 mg/kg	- -
Pentaerythrityl Tetramercaptopropionate	LD50 Oral	Rat	2000 mg/kg	-
Hydroxypropyl Methacrylate	LD50 Oral	Rat	11200 mg/kg	-

Conclusion/Summary: Available data indicates that this product is not harmful or toxic via oral, dermal or inhalation route.

Acute toxicity estimates:

Ingredient's name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
Isobornyl Acrylate	4890	N/A	N/A	N/A	N/A
Pentaerythritol triacrylate	1830	N/A	N/A	N/A	N/A
Hydroxypropyl Methacrylate	11200	N/A	N/A	N/A	N/A

Primary irritant effect:

Ingredient's name	Result	Species	Score	Exposure	Observation
Isobornyl Acrylate	Eyes - Mild irritant Skin - Moderate irritant	Rabbit Rabbit	- -	100 uL 500 uL	- -

on the skin : Available data indicates that this product is not a skin irritation.
on the eye : Available data indicates that this product is not an eye irritation.
Sensitization:
Conclusion/Summary : Not available.
Mutagenicity:
Conclusion/Summary : Not available.
Carcinogenicity:
Conclusion/Summary : Not available.
Reproductive toxicity:
Conclusion/Summary : Not available.

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Teratogenicity:
Conclusion/Summary **:** Not available.
Specific target organ toxicity (single exposure):
Conclusion/Summary **:** Not available.
Specific target organ toxicity (repeated exposure):
Conclusion/Summary **:** Not available.
Aspiration hazard:
Conclusion/Summary **:** Not available.

Information on likely route of exposure: Not available.

Potential acute health effects

Eye : No known significant effects or critical hazards.
Inhalation : No known significant effects or critical hazards.
Skin contact : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.

Symptoms related physical, chemical and toxicological characteristics

Eye : No specific data.
Inhalation : No specific data.
Skin contact : No specific data.
Ingestion : No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Short term exposure

Potential immediate effects **:** Not available.
Potential delayed effects **:** Not available.

Long term exposure

Potential immediate effects **:** Not available.
Potential delayed effects **:** Not available.

Potential chronic health effects

General: No known significant effects or critical hazards.
Carcinogenicity: No known significant effects or critical hazards.
Mutagenicity: No known significant effects or critical hazards.
Reproductive toxicity: No known significant effects or critical hazards.

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties: Not available

11.2.2 Other information: Not available.

SECTION 12: Ecological information

12.1 Toxicity

Conclusion/Summary: No known significant effects or critical hazards.

12.2 Persistence and degradability:

Conclusion/Summary: No known significant effects or critical hazards.

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12.3 Bio-accumulative potential:

Ingredient's name	$LogP_{ow}$	**BCF**	Potential
Isobornyl Acrylate	0.97	-	Low
Hydroxypropyl Methacrylate	0.97	-	Low

Conclusion/Summary: No known significant effects or critical hazards.

12.4 Mobility in soil:

Soil/water partition coefficient (K_{oc}): Not available.

Mobility: Not available.

12.5 Results of PBT and vPvB assessment:

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

12.6 Endocrine disrupting properties: Not available.

12.7 Other adverse effects: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste: Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions: This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

	ADR/RID/ADN	**IMDG**	**IATA**
14.1 UN number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-

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	ADR/RID/ADN	IMDG	IATA
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.

14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Maritime transport in bulk according to IMO instruments: Not available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV: None of the components are listed.

Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles No listed substance.

Other EU regulations

Industrial emissions (integrated pollution prevention and control) – Air: Not listed.

Industrial emissions (integrated pollution prevention and control) – Water: Not listed.

Explosive precursors: Not applicable.

Ozone depleting substances (1005/2009/EU): Not listed.

Prior Informed Consent (PIC) (649/2012/EU): Not listed.

Persistent Organic Pollutants: Not listed.

Seveso Directive: This product is not controlled under the Seveso Directive.

National regulations

Biocidal product regulation: Not applicable.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals: Not listed.

Montreal Protocol: Not listed.

Stockholm Convention on Persistent Organic Pollutants: Not listed.

Rotterdam Convention on Prior Informed Consent (PIC): Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals: Not listed.

15.2 Chemical Safety Assessment: No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

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Classification	Justification
Not classified.	

Full text of abbreviated H statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Full text of classifications [CLP/GHS]

Aquatic Chronic 2	AQUATIC HAZARD (LONG-TERM) - Category 2
Aquatic Chronic 3	AQUATIC HAZARD (LONG-TERM) - Category 3
Eye Irrit. 2	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITIZATION - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
ATE: Acute Toxicity Estimate
CLP: Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
EUH statement = CLP-specific Hazard statement
N/A = Not available
PBT = Persistent, Bio-accumulative and Toxic
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bio-accumulative
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
PNEC = Predicted No Effect Concentration
SGG = Segregation Group

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End of Safety Data Sheet