



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Issue date: 3/29/2021 Revision date: 3/29/2023 Version: 1.0

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

1.1. Product identifier

Product name : Extreme Bond - Part A
Product code : DSEXT000

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Adhesive

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

The Industrial Maintenance Group Unit M, Riverside Industrial Estate Fazeley, Tamworth B78 3RW T 01827 283 322

sales@img-limited.co.uk - www.img-limited.co.uk

1.4. Emergency telephone number

Emergency number : 01827 283 322

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2 H225 Organic Peroxides, Type E H242 Skin corrosion/irritation, Category 1, Sub-Category 1C H314 H318 Serious eye damage/eye irritation, Category 1 H317 Skin sensitisation, Category 1 H341 Germ cell mutagenicity, Category 2 H350 Carcinogenicity, Category 1B H360 Reproductive toxicity, Category 1B Specific target organ toxicity — Single exposure, Category 3, H335 Respiratory tract irritation Specific target organ toxicity — Repeated exposure, Category 2 H373

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. Heating may cause a fire. May cause cancer. Suspected of causing genetic defects. May damage fertility or the unborn child. May cause damage to organs through prolonged or repeated exposure. May cause respiratory irritation. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Causes serious eye damage.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)









GHS05 GH

GHS07 GHS08

GHS02 Signal word (CLP) : Danger

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Contains : methyl methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate; 2-

hydroxyethyl methacrylate; 2,3-epoxypropyl methacrylate, glycidyl methacrylate; α , α -dimethylbenzyl hydroperoxide; cumene hydroperoxide; 1,4-dihydroxybenzene;

hydroquinone; quinol

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.

H242 - Heating may cause a fire.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction. H335 - May cause respiratory irritation. H341 - Suspected of causing genetic defects.

H350 - May cause cancer.

H360 - May damage fertility or the unborn child.

H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (CLP) : P201 - Obtain special instructions before use.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P234 - Keep only in original packaging.

P280 - Wear eye protection, protective clothing, protective gloves.

P303+P361+P353+P310 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.. Immediately call a POISON CENTER or doctor. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a

POISON CENTER or doctor.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P321 - Specific treatment (see supplemental first aid instruction on this label).

P403+P235 - Store in a well-ventilated place. Keep cool.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
methyl methacrylate; methyl 2-methylprop-2-enoate; methyl 2-methylpropenoate	(CAS-No.) 80-62-6 (EC-No.) 201-297-1 (EC Index-No.) 607-035-00-6	≥ 25 – < 55	Flam. Liq. 2, H225 STOT SE 3, H335 Skin Irrit. 2, H315 Skin Sens. 1, H317
2-hydroxyethyl methacrylate	(CAS-No.) 868-77-9 (EC-No.) 212-782-2 (EC Index-No.) 607-124-00-X	≥ 10 - < 30	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317
2,3-epoxypropyl methacrylate, glycidyl methacrylate	(CAS-No.) 106-91-2 (EC-No.) 203-441-9 (EC Index-No.) 607-123-00-4	≥1-<6	Carc. 1B, H350 Muta. 2, H341 Repr. 1B, H360F Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Oral), H302 STOT SE 3, H335 STOT RE 1, H372 Eye Dam. 1, H318 Skin Corr. 1C, H314 Skin Sens. 1, H317





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α, α-dimethylbenzyl hydroperoxide; cumene hydroperoxide	(CAS-No.) 80-15-9 (EC-No.) 201-254-7 (EC Index-No.) 617-002-00-8	< 3	Org. Perox. E, H242 Acute Tox. 3 (Inhalation), H331 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Oral), H302 STOT RE 2, H373 Skin Corr. 1B, H314 Aquatic Chronic 2, H411
1,4-dihydroxybenzene; hydroquinone; quinol	(CAS-No.) 123-31-9 (EC-No.) 204-617-8 (EC Index-No.) 604-005-00-4	< 0.5	Carc. 2, H351 Muta. 2, H341 Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10)

Specific concentration limits:			
Name	Product identifier	Specific concentration limits	
α, α-dimethylbenzyl hydroperoxide; cumene hydroperoxide	(CAS-No.) 80-15-9 (EC-No.) 201-254-7 (EC Index-No.) 617-002-00-8	(0 <c 10)="" 3,="" <="" h335<br="" se="" stot="">(1 ≤C < 3) Eye Irrit. 2, H319 (3 ≤C < 10) Skin Irrit. 2, H315 (3 ≤C < 10) Eye Dam. 1, H318 (10 ≤C ≤ 100) Skin Corr. 1B, H314</c>	

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a

doctor if you feel unwell.

First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a

physician immediately.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy

to do. Continue rinsing. Call a physician immediately.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : Burns. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Serious damage to eyes.

Symptoms/effects after ingestion : Burns.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

Unsuitable extinguishing media : high volume water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour. Heating may cause a fire.

Hazardous decomposition products in case of fire : Toxic fumes may be released.





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5.3. Advice for firefighters

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

: No open flames, no sparks, and no smoking. Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe vapours.

6.1.2. For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

 Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

Other information

: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling

: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe vapours. Avoid contact with skin and eyes.

Hygiene measures

: Separate working clothes from town clothes. Launder separately. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures

: Ground/bond container and receiving equipment.

: combustible materials.

Storage conditions

: Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store away from other materials. Protect from sunlight. Keep only in original container. Store locked up.

Incompatible materials

7.3. Specific end use(s)

No additional information available





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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Extreme Bond - Part A		
United Kingdom - Occupational Exposure Limits		
Local name Methyl methacrylate		
WEL TWA (mg/m³)	208 mg/m³	
WEL TWA (ppm)	50 ppm	
WEL STEL (mg/m³)	416 mg/m³	
WEL STEL (OEL STEL) [ppm]	100 ppm	
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE	

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protective equipment:

Gloves. Safety glasses.

Н	and protection:
Pı	rotective gloves

Eye protection: Safety glasses

Skin and body protection: Wear suitable protective clothing

Respiratory protection:
[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):







Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Green.
Odour : characteristic.
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No tapplicable
Freezing point : No data available





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Boiling point : $101 \,^{\circ}\text{C}$ Flash point : $10 \,^{\circ}\text{C}$

Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Heating may cause a fire.
Vapour pressure : No data available

Vapour pressure Relative vapour density at 20 °C : No data available Relative density : No data available Solubility : insoluble in water. Partition coefficient n-octanol/water (Log Pow) : No data available Viscosity, kinematic No data available · 1000 mPa·s Viscosity, dynamic Explosive properties : No data available · No data available Oxidising properties **Explosive limits** : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapour. Heating may cause a fire.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Combustible materials. Oxidizing agent. Strong acids.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2). fume.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified

 Skin corrosion/irritation
 : Causes severe skin burns.

 Serious eye damage/irritation
 : Causes serious eye damage.

 Respiratory or skin sensitisation
 : May cause an allergic skin reaction.

 Germ cell mutagenicity
 : Suspected of causing genetic defects.

Carcinogenicity : May cause cancer.

Reproductive toxicity : May damage fertility or the unborn child.

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.





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Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term : Not classified

(acute)

Hazardous to the aquatic environment, long-term : Not classified

(chronic)

Not rapidly degradable

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Additional information : Flammable vapours may accumulate in the container.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

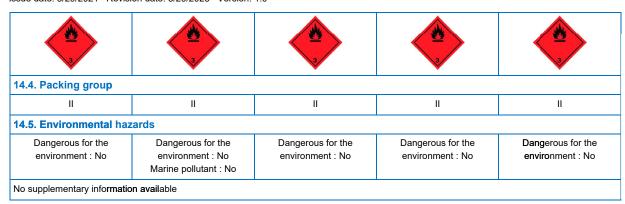
ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 1133	UN 1133	UN 1133	UN 1133	UN 1133
14.2. UN proper shippin	g name			
ADHESIVES	ADHESIVES	Adhesives	ADHESIVES	ADHESIVES
Transport document descr	iption			
UN 1133 ADHESIVES, 3, II, (D/E)	UN 1133 ADHESIVES, 3, II	UN 1133 Adhesives, 3, II	UN 1133 ADHESIVES, 3, II	UN 1133 ADHESIVES, 3, II
14.3. Transport hazard	14.3. Transport hazard class(es)			
3	3	3	3	3





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14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 640D
Limited quantities (ADR) : 5I
Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02, R001

 Special packing provisions (ADR)
 : PP1

 Mixed packing provisions (ADR)
 : MP19

 Portable tank and bulk container instructions (ADR)
 : T4

 Portable tank and bulk container special provisions
 : TP1, TP8

(ADR)

Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 2
Special provisions for carriage - Operation (ADR) : S2, S20
Hazard identification number (Kemler No.) : 33

Orange plates :

33 1133

Tunnel restriction code (ADR) : D/E
EAC code : •3YE

Transport by sea

Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E2 : P001 Packing instructions (IMDG) Special packing provisions (IMDG) · PP1 : IBC02 IBC packing instructions (IMDG) Tank instructions (IMDG) : T4 Tank special provisions (IMDG) : TP1, TP8 EmS-No. (Fire) : F-E EmS-No. (Spillage) : S-D Stowage category (IMDG) : B

Properties and observations (IMDG) : Adhesives are solutions of gums, resins, etc., usually volatile due to the solvents. Miscibility

with water depends upon their composition.

Air transport

PCA Excepted quantities (IATA) · F2 PCA Limited quantities (IATA) : Y341 PCA limited quantity max net quantity (IATA) : 1L PCA packing instructions (IATA) : 353 PCA max net quantity (IATA) : 5L CAO packing instructions (IATA) : 364 CAO max net quantity (IATA) : 60L Special provisions (IATA) : A3 ERG code (IATA) : 3L





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Inland waterway transport

Classification code (ADN) : F1
Special provisions (ADN) : 640C
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E2
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 1

Rail transport

Classification code (RID) : F1 · 640C Special provisions (RID) Limited quantities (RID) : 5L Excepted quantities (RID) : E2 : P001 Packing instructions (RID) Special packing provisions (RID) : PP1 : MP19 Mixed packing provisions (RID) Portable tank and bulk container instructions (RID) : T4 : TP1, TP8 Portable tank and bulk container special provisions

RID)

Tank codes for RID tanks (RID): L1.5BNTransport category (RID): 2Colis express (express parcels) (RID): CE7Hazard identification number (RID): 33

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological limit value
CAS-No.	Chemical Abstract Service number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level





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DNEL	Derived-No Effect Level	
EC50	Median effective concentration	
EC-No.	European Community number	
EN	European Standard	
IATA	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OEL	Occupational Exposure Limit	
PBT	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
vPvB	Very Persistent and Very Bioaccumulative	
WGK	Water Hazard Class	

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Carc. 1B	Carcinogenicity, Category 1B
Carc. 2	Carcinogenicity, Category 2
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Muta. 2	Germ cell mutagenicity, Category 2
Org. Perox. E	Organic Peroxides, Type E
Repr. 1B	Reproductive toxicity, Category 1B
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1





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STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2		
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation		
H225	Highly flammable liquid and vapour.		
H242	Heating may cause a fire.		
H302	Harmful if swallowed.		
H311	Toxic in contact with skin.		
H312	Harmful in contact with skin.		
H314	Causes severe skin burns and eye damage.		
H315	Causes skin irritation.		
H317	May cause an allergic skin reaction.		
H318	Causes serious eye damage.		
H319	Causes serious eye irritation.		
H331	Toxic if inhaled.		
H335	May cause respiratory irritation.		
H341	Suspected of causing genetic defects.		
H350	May cause cancer.		
H351	Suspected of causing cancer.		
H360	May damage fertility or the unborn child.		
H360F	May damage fertility.		
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.		
H411	Toxic to aquatic life with long lasting effects.		

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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