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DENTAL

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Material Safety Data Sheet Cover-Sheet – This page provides additional New Zealand specific information for this product and must be read in conjunction with the Safety Data Sheet (SDS) attached

Product Name:	OptiBond eXTRa Universal Adhesive
Manufacturer:	Kerr Italia S.r.l.
SDS Expiry:	9 June 2031
Supplier Details:	Henry Schein New Zealand 243-249 Bush Road, Rosedale, Auckland, 0632 PO Box 101 140, North Shore, Auckland 0745 Ph. 0800 808 855 www.henryschein.co.nz
Emergency Contacts:	Poisons/Hazardous Chemical Info Centre – 0800POISON/0800764766 (24 Hours) Phone 111 for Fire, Ambulance or Police
HSNO Class/Category:	3.1B, 6.3A, 6.4A, 6.5B, 6.8A
HSNO Group Standard:	Dental Products Flammable Group Standard 2020 HSR002556
Statements/Pictograms:	As per attached Safety Data Sheet (SDS)
Date Prepared:	This coversheet was prepared – October 2026

This SDS coversheet has been produced by Henry Schein NZ and has been prepared in accordance with NZ EPA advice on making overseas SDS compliant to HSNO Act. The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or the specifications of the product. Users must satisfy that the product is entirely suitable for their purpose. The SDS and this coversheet may be revised from time to time, please ensure you have a current copy.

OptiBond eXTRa Universal_Adhesive

Safety Data Sheet

according to the Hazardous Substances and New Organisms Act (1996)
Issue date: 9/06/2026

SECTION 1: Identification

1.1 Product identifier

Product name : OptiBond eXTRa Universal_Adhesive
Product form : Mixture

1.2 Other means of identification

No additional information available

1.3 Recommended use of the chemical and restrictions on use

Recommended use : Dental product
Bonding agent
Restrictions on use : Restricted to professional users

1.4 Details of manufacturer or importer

Manufacturer
Kerr Italia, S.r.l.
Via Passanti, 174
Scafati (SA) 84018, Italy
T +39 081 850 3511

Distributor
Kerr Australia Pty Limited
Unit 6, 12 Mars Road
Lane Cove West, NSW 2066
Australia
T 1-800-643-603
queries.anz@kerrdental.com

1.5. Emergency phone number

Emergency number : (Chemical Spills, Leaks, Fire, Exposure or Accident only): CHEMTREC 1-800-424-9300 (in the US), 1-703-527-3887 (Outside the US)

Country/Area	Organisation	Emergency number
New Zealand	National Poisons Centre. PO Box 56 9054 Dunedin.	0800 764 766

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

HSNO Approval Number : HSR002556

Classification according to the Environmental Protection Authority notices (EPA Hazardous Substances and New Organisms Act 1996)

Flammable liquids, Category 2	H225
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Skin sensitisation, Category 1	H317
Reproductive toxicity, Category 1	H360

2.2. GHS Label elements, including precautionary statements

GHS NZ labelling

Hazard pictograms (GHS NZ) :



Signal word (GHS NZ) : Danger

Contains	:	Ethanol (10 – 30 %); 2-Hydroxyethyl methacrylate (7 – 13 %); Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (1 – 5 %); Glyceryl dimethacrylate (1 – 5 %); 2-(Phosphonooxy)propane-1,3-diylbismethacrylate (1 – 5 %); Ethylhexyl dimethyl paba (0.1 – 1 %); Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (0.1 – 1 %)
Hazard statements (GHS NZ)	:	H225 - Highly flammable liquid and vapour H315 - Causes skin irritation H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H360 - May damage fertility or the unborn child (if swallowed)
Prevention	:	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof electrical equipment. P261 - Avoid breathing mist, vapours. P264 - Wash hands thoroughly after handling. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear eye protection, protective gloves, protective clothing.
Response	:	P308+P313 - IF exposed or concerned: Get medical advice/attention. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P370+P378 - In case of fire: Use Dry chemical, CO2, alcohol-resistant foam or waterspray to extinguish.
Storage	:	P403+P235 - Store in a well-ventilated place. Keep cool. P405 - Store locked up.
Disposal	:	P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to GHS NZ
Ethanol	CAS-No.: 64-17-5	10 – 30	Flam. Liq. 2, H225
2-Hydroxyethyl methacrylate	CAS-No.: 868-77-9	7 – 13	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317
Silica	CAS-No.: 112945-52-5	3 – 7	Not classified
Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated]	CAS-No.: 28961-43-5	1 – 5	Eye Irrit. 2, H319 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Pyrogenic (Fumed) Amorphous Silica	CAS-No.: 68909-20-6	1 – 5	Not classified

Name	Product identifier	%	Classification according to GHS NZ
Alkali fluorosilicates(Na)	CAS-No.: 16893-85-9	0.5 – 1.5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Hazardous to terrestrial vertebrates
Ethylhexyl dimethyl paba	CAS-No.: 21245-02-3	0.1 – 1	Repr. 1, H360
Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether	CAS-No.: 150-76-5	0.1 – 1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 Skin Sens. 1, H317 Hazardous to terrestrial vertebrates

SECTION 4: First-aid measures

4.1. Description of necessary first-aid measures

First-aid measures after inhalation : Move the affected person to fresh air. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water and soap. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures 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.

First-aid measures after ingestion : Get medical advice/attention if you feel unwell.

4.2. Symptoms caused by exposure

Inhalation : May cause irritation to the respiratory tract. High concentration of vapours may induce: headache, nausea, dizziness.

Skin : May cause moderate irritation. May cause an allergic skin reaction.

Eyes : May cause moderate irritation, including burning sensation, tearing, redness or swelling.

Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic symptoms : This product may cause reproductive harm and/or developmental effects.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use dry chemical, CO2, water spray or alcohol-resistant foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : Highly flammable liquid and vapour. Vapours are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapours.

Explosion hazard : Prolonged exposure to fire may cause containers to rupture/explode.

General measures : Remove ignition sources. Stop leak if safe to do so.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2). Nitrogen oxides. Phosphorus oxides. Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Cool down the containers exposed to heat with a water spray. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Use self-contained breathing apparatus and chemically protective clothing.

Hazchem Code : * 2YE

EAC code : •2YE - •2YE

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Remove ignition sources. Stop leak if safe to do so.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Avoid contact with eyes, skin and clothing. Avoid breathing mist, vapours. Ventilate spillage area.

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".

Emergency procedures : Eliminate ignition sources. Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

For containment : Stop leak if safe to do so. Do not touch or walk on the spilled product.

Methods for cleaning up : Use non-sparking tools. Absorb and/or contain spill with inert material, then place in suitable container.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with eyes, skin and clothing. Wear personal protective equipment. Avoid breathing mist, vapours. Ensure adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharge. Keep container closed when not in use.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in dry, cool, well-ventilated area. Keep away from ignition sources. Keep container closed when not in use. Store away from incompatible materials.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Ethanol (64-17-5)	
New Zealand - Occupational Exposure Limits	
Local name	Ethanol (Ethyl alcohol)
WES-TWA (OEL TWA)	380 mg/m³
	200 ppm
WES-STEL (OEL STEL)	1520 mg/m³
	800 ppm
Remark (NZ)	oto (Ototoxin)
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 15th Edition

Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (150-76-5)	
New Zealand - Occupational Exposure Limits	
Local name	4-Methoxyphenol
WES-TWA (OEL TWA)	5 mg/m³
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 15th Edition

Silica (112945-52-5)	
New Zealand - Occupational Exposure Limits	
Local name	Silica-Amorphous
WES-TWA (OEL TWA)	10 mg/m³
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 14th Edition

Alkali fluorosilicates(Na) (16893-85-9)	
New Zealand - Occupational Exposure Limits	
Local name	Fluorides, as F
WES-TWA (OEL TWA)	2.5 mg/m³
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 14th Edition
New Zealand - Biological Exposure Indices	
Local name	Fluorides
BEI	2 mg/l Parameter: Fluoride - Medium: Urine - Sampling time: Prior to shift 3 mg/l Parameter: Fluoride - Medium: Urine - Sampling time: End of shift
Remark	– The BEI is not applicable to non-metal fluorides and organic fluoride-containing compounds – As dietary and environmental factors can vary the fluoride body concentrations, repeated measurements are necessary – Biological levels of fluorides are indicators of the potential risk of systemic toxicity and cannot be used for the evaluation of irritative effects
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 14th Edition

Pyrogenic (Fumed) Amorphous Silica (68909-20-6)	
New Zealand - Occupational Exposure Limits	
Local name	Silica-Amorphous
WES-TWA (OEL TWA)	10 mg/m³
Regulatory reference	Workplace Exposure Standards and Biological Exposure Indices, 14th Edition

Exposure limit values for the other components

No additional information available

8.2. Monitoring methods

No additional information available

8.3. Engineering controls

Appropriate engineering controls : Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Hand protection : Wear protective gloves. Contact your glove supplier for selection assistance.

Eye protection : Wear safety goggles or other eye protection to prevent eye contact.

Skin and body protection : Wear suitable protective clothing

Respiratory protection : No respiratory protection needed under normal use conditions. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

SECTION 9: Physical and chemical properties

Physical state	:	Liquid
Appearance	:	Yellow. Liquid.
Colour	:	Light yellow
Odour	:	Fruity ester-like
Odour threshold	:	15000 ppm (Ethanol)
pH	:	No additional information available
Evaporation rate	:	No additional information available
Melting point / Freezing point	:	No additional information available
Boiling point	:	173 °F (78 C) (Ethanol)
Flash point	:	18 °C (64.4 F) (Ethanol)
Auto-ignition temperature	:	685 °F (363 C) (Ethanol)
Flammability	:	Highly flammable liquid and vapour
Vapour pressure	:	No additional information available
Relative density	:	No additional information available
Density	:	Relative density: 1.2
Solubility	:	Partially soluble.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, dynamic	:	No data available
Explosive properties	:	No data available
Explosive limits	:	3.3 Vol-% (Ethanol) 19 Vol-% (Ethanol)
Minimum ignition energy	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	:	Stable under normal conditions. Loss of inhibitor may allow the product to polymerize.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use. Excessive heat and ultraviolet light may allow the product to polymerize.
Conditions to avoid	:	Keep away from open flames, hot surfaces and sources of ignition.
Incompatible materials	:	Keep away from oxidizers, strong acids and strong bases. Reducing agents. Amines. Peroxides.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Toxicity

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

2-Hydroxyethyl methacrylate (868-77-9)	
LD50 oral rat	5564 mg/kg bodyweight
LD50 dermal rabbit	> 5000 mg/kg bodyweight

Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
LD50 oral rat	> 2000 mg/kg bodyweight
LD50 dermal rabbit	> 13200 mg/kg bodyweight

Ethanol (64-17-5)	
LD50 oral rat	15010 mg/kg bodyweight
LD50 oral	8300 mg/kg bodyweight
LC50 Inhalation - Rat (Vapours)	≈ 116.9 mg/l/4h

Ethylhexyl dimethyl paba (21245-02-3)	
LD50 oral rat	14900 mg/kg

Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (150-76-5)	
LD50 oral rat	1600 mg/kg
LD50 dermal rat	> 2000 mg/kg

Silica (112945-52-5)	
LD50 oral rat	3160 mg/kg
LD50 dermal rat	> 2000 mg/kg

Alkali fluorosilicates(Na) (16893-85-9)	
LD50 oral rat	125 mg/kg
LC50 Inhalation - Rat (Dust/Mist)	1.67 mg/l/4h

Pyrogenic (Fumed) Amorphous Silica (68909-20-6)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

Serious eye damage/irritation : Causes serious eye irritation.

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

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Ethanol (64-17-5)	
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : May damage fertility or the unborn child (if swallowed).

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
NOAEL (oral, rat, 28 days)	1000 mg/kg bw/day
NOAEL (oral, rat, 90 days)	375 mg/kg bw/day

Ethanol (64-17-5)	
NOAEL (subchronic, oral, animal/male, 90 days)	< 9700 mg/kg bodyweight
NOAEL (subchronic, oral, animal/female, 90 days)	> 9400 mg/kg bodyweight

Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (150-76-5)	
LOAEL (oral, rat, 90 days)	300 mg/kg bodyweight (OECD 422 method)
NOAEL (oral, rat, 90 days)	150 mg/kg bodyweight (OECD 422 method)

Aspiration hazard : Not classified

Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
Viscosity, kinematic	72.267 mm²/s

SECTION 12: Ecological information

12.1. Ecotoxicity

Ecology - general	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short–term (acute)	:	Not classified
Hazardous to the aquatic environment, long–term (chronic)	:	Not classified.
Soil toxicity	:	Not classified
Terrestrial vertebrate toxicity	:	Not classified
Terrestrial invertebrate toxicity	:	Not classified

2-Hydroxyethyl methacrylate (868-77-9)	
LC50 - Fish [1]	> 100 mg/l Oryzias latipes (Ricefish)
EC50 - Crustacea [1]	380 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	836 mg/l Pseudokirchneriella subcapitata
EC50 72h - Algae [2]	345 mg/l Pseudokirchneriella subcapitata
LOEC (chronic)	49.6 mg/l Daphnia magna (Water flea)
NOEC (chronic)	24.1 mg/l Daphnia magna (Water flea)
LD50 dermal rabbit	> 5000 mg/kg bodyweight
LD50 oral rat	5564 mg/kg bodyweight

Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
LC50 - Fish [1]	1.95 mg/l Danio rerio (Zebrafish)
EC50 - Crustacea [1]	70.7 mg/l Daphnia magna (Water flea)
ErC50 algae	2.2 mg/l Desmodesmus subspicatus
NOEC chronic algae	0.289 mg/l Desmodesmus subspicatus
Partition coefficient n-octanol/water (Log Pow)	2.89
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.2
LD50 dermal rabbit	> 13200 mg/kg bodyweight
LD50 oral rat	> 2000 mg/kg bodyweight

Ethanol (64-17-5)	
LC50 - Fish [1]	14.2 g/l Pimephales promelas (Fathead minnow)
EC50 - Crustacea [1]	> 100 mg/l
NOEC (chronic)	9.6 mg/l Daphnia magna (Water flea)
LD50 oral rat	15010 mg/kg bodyweight

Ethylhexyl dimethyl paba (21245-02-3)	
LD50 oral rat	14900 mg/kg

Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (150-76-5)	
LC50 - Fish [1]	28.5 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	3 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	54.7 mg/l Pseudokirchneriella subcapitata
EC50 72h - Algae [2]	19 mg/l Pseudokirchneriella subcapitata
LOEC (chronic)	> 1.45 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (150-76-5)	
NOEC (chronic)	0.68 mg/l Daphnia magna (Water flea)
LD50 dermal rat	> 2000 mg/kg
LD50 oral rat	1600 mg/kg

Silica (112945-52-5)	
EC50 72h - Algae [1]	> 173.1 mg/l Desmodesmus subspicatus
LOEC (chronic)	149.2 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
LD50 dermal rat	> 2000 mg/kg
LD50 oral rat	3160 mg/kg

Alkali fluorosilicates(Na) (16893-85-9)	
EC50 - Crustacea [1]	35.4 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	16.6 – 19.6 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LD50 oral rat	125 mg/kg

Pyrogenic (Fumed) Amorphous Silica (68909-20-6)	
LC50 - Fish [1]	> 10000 mg/l Brachydanio rerio (zebra-fish)
LD50 dermal rabbit	> 2000 mg/kg
LD50 oral rat	> 5000 mg/kg

12.2. Persistence and degradability

OptiBond eXTRa Universal_Adhesive	
Persistence and degradability	Rapidly degradable

2-Hydroxyethyl methacrylate (868-77-9)	
Persistence and degradability	Rapidly degradable

Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
Persistence and degradability	Readily biodegradable in water.

Ethanol (64-17-5)	
Persistence and degradability	Readily biodegradable.

Ethylhexyl dimethyl paba (21245-02-3)	
Persistence and degradability	Rapidly degradable

Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (150-76-5)	
Persistence and degradability	Rapidly degradable

Silica (112945-52-5)	
Persistence and degradability	Biodegradation is not applicable to inorganic compounds.

Alkali fluorosilicates(Na) (16893-85-9)	
Persistence and degradability	Rapidly degradable

Pyrogenic (Fumed) Amorphous Silica (68909-20-6)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

OptiBond eXTRa Universal_Adhesive	
Bioaccumulative potential	No additional information available
Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
Partition coefficient n-octanol/water (Log Pow)	2.89
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.2
Ethanol (64-17-5)	
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

OptiBond eXTRa Universal_Adhesive	
Mobility in soil	No additional information available
Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
Partition coefficient n-octanol/water (Log Pow)	2.89
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.2

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

SECTION 13: Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
Product/Packaging disposal recommendations : When possible, triple rinse the container and offer for recycling if available.

SECTION 14: Transport information

In accordance with IMDG / IATA / UN RTDG

IMDG	IATA	UNRTDG
14.1. UN number		
1170	1170	1170
14.2. UN Proper Shipping Name		
ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	Ethanol solution	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
Transport document description		
UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II (18°C c.c.)	UN 1170 Ethanol solution, 3, II	UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II
14.3. Transport hazard class(es)		
3	3	3
		

IMDG	IATA	UNRTDG
14.4. Packing group		
II	II	II
14.5. Environmental hazards		
Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

Transport by road and rail
No data available

Transport by sea
No data available

Air transport
No data available

14.7. Transport in bulk according to IMO instruments

Not applicable

14.8. Hazchem or Emergency Action Code

EAC code : •2YE.
Hazchem Code : * 2YE

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Hazardous Substances and New Organisms Act
HSNO Approval Number : HSR002556
Group standard : Dental product

2-Hydroxyethyl methacrylate (868-77-9)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR003005

Propylidynetrimethanol, ethoxylated, esters with acrylic acid [1 - 6.5 moles ethoxylated] (28961-43-5)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR003396

Ethanol (64-17-5)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR001144

Ethylhexyl dimethyl paba (21245-02-3)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR003747

Mequinol; 4-methoxyphenol; hydroquinone monomethyl ether (150-76-5)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR003017

Alkali fluorosilicates(Na) (16893-85-9)	
Hazardous Substances and New Organisms Act	
HSNO Approval Number	HSR006941

15.2. Chemical safety assessment

Australian Inventory of Industrial Chemicals (AICIS)	All disclosed substances are listed

SECTION 16: Other information

Issue date : 9/06/2026

Indication of changes:
New SDS.

Data sources : ECHA (European Chemicals Agency). Supplier's safety documents.

Full text of H-statements	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Repr. 1	Reproductive toxicity, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
H225	Highly flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H331	Toxic if inhaled
H360	May damage fertility or the unborn child
H412	Harmful to aquatic life with long lasting effects

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date of preparation, however, KERR Corporation makes no warranty with respect to the accuracy or suitability of the recommendations, and assumes no liability to any use thereof.