SAFETY DATA SHEET

Issue Date 2015-05-31 Revision Date 2025-04-23 Revision: R02

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifiers
Product Name: CLEARsplint (Liquid Component)
Alternate Name: CLEARsplint

Recommended Use of the substance or mixture and Restrictions on Use
Intended Use: See Technical Data Sheet
Application Method: See Technical Data Sheet

Details of the Supplier of the Safety Data Sheet
Company Name: Astron Dental Corporation
Supplier Address: 815 Oakwood Road, Unit G
Lake Zurich, IL. 60047 (USA)
Email: customerservice@astrondental.com

Australian Distributor
Ultimate Dental Supply
660A South Rd
MOORABBIN VIC 3189
Tel: 03 9532 1799
Email: info@ultimatedental.com.au

Emergency Telephone Numbers
Company Phone Number: 800-323-4144 / 847-726-8787 (During Business Hours, 8:00am – 4:00pm CST)
Emergency Telephone: **Infotrac:** 800-535-5053 **Australia:** 13 11 26 Poisons Hotline 24hours / 7 days).

2. HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Skin Irritation/corrosion 2;H315	Causes skin irritation
Eye Irritation/damage 2;H319	Causes serious eye irritation

Label Elements
Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



Warning

CE 1023

Hazards Statements

H227	Combustible liquid.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

Precautionary Statements – *Prevention, Response, Disposal*

	[Prevention]
P210	Keep away from heat / sparks / open flames / hot surfaces – No smoking.
P264	Wash thoroughly after handling.
P280	Wear protective gloves / eye protection / face protection.
	[Response]
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351 +P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lense if present and easy to do – continue rinsing.
P321	Specific treatment (see information on this label).
P332+P313	If skin irritation occurs: Get medical advice / attention.
P337+P313	If eye irritation persists: Get medical advice / attention.
P362	Take off contaminated clothing and wash before reuse.
	[Storage]
P403+235	Store in a well ventilated place. Keep cool.
	[Disposal]
P501	Dispose of contents / container in accordance with local / federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
2-Ethoxyethyl Methacrylate CAS Number: 0002370-63-0	75 – 100	Skin Irrit. 2;H315 Eye Irrit. 2;H319	[1]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.
[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.
[3] PBT-substance or vPvB-substance.
*The full texts of the phrases are shown in Section 16.

4. FIRST AID MEASURES

Description of first aid measures

General: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. May cause nausea.

Eyes: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion: If swallowed obtain immediate medical attention. Keep at rest. Induce vomiting. May cause nausea.

Most important symptoms and effects, both acute and delayed

Overview: No specific symptom data available. See section 2 for further details.

Eyes: Causes serious eye irritation.

Skin: May cause skin irritation.

5. FIRE-FIGHTING MEASURES

Extinguishing Media:
Recommended extinguishing media; alcohol resistant foam, CO_2, powder, water spray.
Do not use: Water Jet

Special hazard arising from the substance or mixture:
Hazardous decomposition: No hazardous decomposition data available. Keep away from heat / sparks / open flames / hot surfaces – No smoking.

Advice for Fire-Fighters:
Sealed container exposed to elevated temperatures may rupture explosively due to polymerization. Vapors are heavier than air and may travel to ignition source.
Cool closed containers exposed to fire by spraying them with water. Do not allow run off water and contaminants from fire fighting to enter drains or water ways.

ERG Guide No. ----

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
Put on appropriate personal protective equipment (see section 8).

Environmental Precautions:
Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Incinerate liquid in proper equipment.

Methods and Material for Containment and Cleaning up:
For high vapor concentration, evacuate area, eliminate all sources of ignition, absorb spills with inert material, transfer to a suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling:
Store in accordance with the National Fire Protection Accociate's publication NFPA 30, Flammable and Combustible Liquids Code, 29 CFR 1910.106 applies to the handling, storage, and use flammable and combustible liquids.

See section 2 for further details. – [Prevention]:

Conditions for Safe Storage, including and incompatibilities:
Handle containers carefully to prevent damage and spillage.
Store in a cool dry area, away from heat, sparks and open flame. Keep containers sealed when not in use. Store out of direct sunlight.
Incompatible materials: Reducing and oxidizing agents. May soften paint and rubbery surfaces.
See section 2 for further details. –[Storage]:

Specific end use(s)
No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters:
Exposure

CAS No.	Ingredient	Source	Value
0002370-63-0	2-Ethoxyethyl Methacrylate	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Carcinogen Data

CAS No.	Ingredient	Source	Value
0002370-63-0	2-Ethoxyethyl Methacrylate	OSHA	Select Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No: Group 2a: No; Group 2b: No; Group 3: No; Group 4: No

Exposure Controls

Respiratory:
If workers are exposed to concentrations above 10ppm they must use a self contained breathing apparatus.

Eyes:
Protective safety glasses recommended.

Skin:
Wear overalls to keep skin contact to a minimum. Wear impervious, neoprene type protective gloves.

Engineering Controls:
Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn. An eyewash fountain should be located in areas where the product is used.

Other Work Practices:
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
See section 2 for further details. – [Prevention]:

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, pale yellow Liquid
Odor	Mild
Odor Threshold	Not Measured
pH	Not Measured
Melting Point / Freezing Point	Not Measured
Initial boiling point and boiling range	92°C
Flash Point	71°C
Evaporation Rate (Ether=1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower Flammability or Explosive Limits	**Lower Explosive Limit:** Not Measured **Upper Explosive Limit:** Not Measured
Vapor Pressure (Pa)	7 mm Hg at 160°C
Vapor Density	1 (air=1)
Specific Gravity	1.005
Solubility in Water	Negligible
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-Ignition Temperature	Not Measured
Decomposition Temperature	Not Measured
Viscosity (cSt)	Not Measured

Other Information:
No other relevant information

10. STABILITY AND REACTIVITY

Reactivity
Hazardous Polymerization mat occur

Chemical stability
Stable under normal circumstances

Possibility of hazardous reactions
No data available

Conditions to avoid
Heat and/or ignition source.

Incompatible materials
Reducing and oxidizing agents. May soften paint and rubbery surfaces.

Hazardous decomposition products
No hazardous decomposition data available.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Ingredient	Oral LD50 mg/kg	Skin LD50 Mg/kg	Inhalation Vapor LC50 Mg/L/4hr	Inhalation Dust/Mist LC50 mg/L/4hr	Inhalation Gas LC50 ppm
2-Ethoxyethyl Methacrylate	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not applicable
Acute toxicity (dermal)	---	Not applicable
Acute toxicity (inhalation)	---	Not applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not applicable
Skin sensitization	---	Not applicable
Germ cell mutagenicity	---	Not applicable
Carcinogenicity	---	Not applicable
STOT-single exposure	---	Not applicable
STOT-repeated exposure	---	Not applicable
Aspiration hazard	---	Not applicable

12. ECOLOGICAL INFORMATION

Toxicity:
No additional information provided for this product. See section 3 for chemical specific data.

Aquatic Ecotoxicity

Ingredient	96 hr LC50 fish, Mg/l	48 hr EC50 crustacea, Mg/l	ErC50 algae, Mg/l
2-Ethoxyethyl Methacrylate (0002370-63-0)	Not Available	Not Available	Not Available

Persistence and Degradability
There is no data available on the preparation itself.

Bioaccumulative potential
Not Measured

Mobility in soil
No data available

Results of PBT and vPvB assessment
This product contains no PBT/vPvB chemicals.

Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods:
Observe all federal, state and local regulations when disposing of this substance.

14. TRANSPORT INFORMATION

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN Number	Not applicable	Not Regulated	Not Regulated
UN proper shipping	Not Regulated	Not Regulated	Not Regulated
Transport Hazard Class(es)	**DOT Hazard Class:** Not Applicable	**IMDG:** Not Applicable **Sub class:** Not applicable	**Air Class:** Not Applicable
Packing Group	Not Applicable	Not Applicable	Not Applicable
Environmental Hazards:			
IMDG	Marine Pollutant: No		

Special precautions for user:
No further information

15. REGULATORY INFORMATION

Regulatory Overview:
The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA):
All components of this material are either listed or exempt from listing on the TSCA inventory.

WHMIS Classification:
B3 D2B

US EPA Tier II Hazards:
- **-Fire:** Yes
- **-Sudden Release of Pressure:** No
- **-Reactive:** No
- **-Immediate (Acute):** Yes
- **-Delayed (Chronic):** No

EPCRA 311/312 Chemicals and RQs:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 Extremely Hazardous:
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

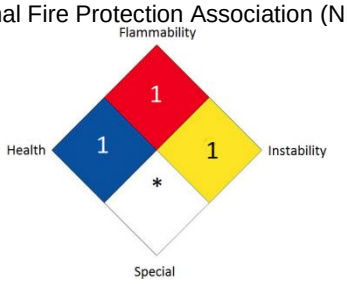
EPCRA 313 Toxic Chemicals:
Ethyl Methacrylate
Proposition 65 – Carcinogens (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 – Developmental Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 – Female Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Proposition 65 – Male Repro Toxins (>0.0%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
New Jersey RTK Substances (>1%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.
Pennsylvania RTK Substances (>1%):
To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. OTHER INFORMATION

Hazardous Material Information System (HMIS)



National Fire Protection Association (NFPA)



The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customer/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.