

SAFETY DATA SHEET

PRO COLORSEAL ULTRA

Version 1

Issue date: January 3, 2024

Printed date: January 12, 2024

1. IDENTIFICATION

Product identifier	PRO COLORSEAL ULTRA
Other means of identification	Not available
Recommended use	Caulk
Restrictions on use	For interior use only
Supplier's details	PROMA ADHESIVES INC 9801 Parkway Anjou, Québec, Canada, H1J 1P3 (514) 852-8585 info@proma.ca www.proma.ca
Emergency phone number	(613) 996-6666 (CANUTEC, Canada & USA)

2. HAZARD IDENTIFICATION

GHS classification of the mixture

Class	Category
Serious eye damage/eye irritation	2
Skin sensitisation	1
Germ cell mutagenicity	2
Carcinogenicity	1B
Reproductive toxicity	2
Specific target organ toxicity, single exposure	1
Specific target organ toxicity, repeated exposure	1

GHS label elements

Hazard symbols



Signal word **DANGER**

Hazard statement

H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H341 Suspected of causing genetic defects
H350 May cause cancer
H361 Suspected of damaging fertility or the unborn child
H370 Causes damage to organs
H372 Causes damage to organs through prolonged or repeated exposure

Precautionary statements

Prevention

P203 Obtain, read and follow all safety instructions before use.
P260 Do not breathe dusts or mists.
P264 + P265 Wash hands thoroughly after handling. Do not touch eyes.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear eye protection/face protection

Response

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P316 If exposed or concerned: Get medical advice/attention.
P319 Get medical help if you feel unwell.
P321 Specific treatment (see supplemental first aid instruction on this label).
P333 + P317 If skin irritation or rash occurs: Get medical help.
P337 + P317 If eye irritation persists: Get medical help.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

Printed date: January 12, 2024

Other hazards None

3. COMPOSITION/INFORMATION ON INGREDIENTS

List of hazardous components

Chemical identity	CAS number	Concentration (%)	Classification
Carbonic acid, calcium salt (1:1)	471-34-1	Trade Secret	<i>Not classified</i>
Titanium dioxide	13463-67-7	Trade Secret	<i>Carc. 2</i>
Chloroform	67-66-3	Trade Secret	<i>Acute Tox. 4 (Oral)</i> <i>Acute Tox. 3 (Inhalation)</i> <i>Skin Irrit. 2</i> <i>Eye Irrit. 2A</i> <i>Carc. 2</i> <i>Repr. 2</i> <i>STOT SE 3</i> <i>STOT RE 1</i>
Acrylonitrile	107-13-1	Trade Secret	<i>Flam. Liq. 2</i> <i>Acute Tox. 3 (Oral)</i> <i>Acute Tox. 3 (Dermal)</i> <i>Acute Tox. 3 (Inhalation)</i> <i>Skin Irrit. 2</i> <i>Eye Dam. 1</i> <i>Skin Sens. 1</i> <i>Carc. 1B</i> <i>STOT SE 3</i> <i>Aquatic Chronic 2</i>
2-Pentanone, 4-methyl-	108-10-1	Trade Secret	<i>Flam. Liq. 2</i> <i>Carc. 2</i>
Phenyl glycidyl ether	122-60-1	Trade Secret	<i>Acute Tox. 4 (Dermal)</i> <i>Acute Tox. 4 (Inhalation)</i> <i>Skin Irrit. 2</i> <i>Eye Dam. 1</i> <i>Skin Sens. 1</i> <i>Muta. 2</i> <i>Carc. 1B</i> <i>STOT SE 3</i>
Ethyl acrylate	140-88-5	Trade Secret	<i>Flam. Liq. 2</i> <i>Acute Tox. 4 (Oral)</i> <i>Acute Tox. 4 (Dermal)</i> <i>Acute Tox. 4 (Inhalation)</i> <i>Skin Irrit. 2</i> <i>Eye Irrit. 2</i> <i>Skin Sens. 1</i> <i>Carc. 2</i> <i>STOT SE 3</i>
Methyl alcohol	67-56-1	Trade Secret	<i>Flam. Liq. 2</i> <i>Acute Tox. 3 (Oral)</i> <i>Acute Tox. 3 (Dermal)</i> <i>Acute Tox. 3 (Inhalation)</i> <i>STOT SE 1</i>
Epichlorohydrin	106-89-8	Trade Secret	<i>Flam. Liq. 3</i> <i>Acute Tox. 3 (Oral)</i> <i>Acute Tox. 3 (Dermal)</i> <i>Carc. 1B</i>

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

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4. FIRST-AID MEASURES

Description of necessary measures

Inhalation	Move the person to fresh air and keep them warm and rested.
Skin contact	Remove contaminated clothing immediately. Immediately wash skin with soap and water for at least 20 minutes. Consult a doctor if skin-related symptoms persist.
Eyes contact	Rinse immediately with plenty of water, holding eyelids open for at least 20 minutes. Remove contact lenses immediately if they can be easily removed.
Ingestion	Do not induce vomiting, consult a doctor showing this safety data sheet and the hazard label.

Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	May cause respiratory irritation.
Symptoms/effects after skin contact	May cause an allergic skin reaction.
Symptoms/effects after eye contact	Causes serious eye irritation.
Symptoms/effects after ingestion	May be harmful if swallowed.

Indication of immediate medical attention and special treatment needed

Provide general care and treat according to symptoms. Keep the victim under observation. Symptoms may be delayed. If you feel unwell, seek medical advice (show the product label when possible).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use dry chemical, carbon dioxide, water spray, regular foam.

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

None known.

Special protective equipment and precautions for fire-fighters

Firefighters should wear full protective gear. Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Isolate area. Keep unnecessary personnel away.

Environmental precautions

Avoid release to the environment.

Methods and materials for containment and cleaning up

Stop leak if possible without personal risk. Small spills: Absorb with sand or other non-combustible material and place material into appropriate containers for later disposal. Large spills: Dike far ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes, skin and clothing. Empty containers may contain residual liquid; therefore, empty containers should be handled with care.

Conditions for safe storage, including any incompatibilities

Store and handle in accordance with all current regulations and standards. Store locked up. Store in a tightly closed container. Store in a well-ventilated, cool and dry place. Keep out of reach of children. Protect from direct sunlight, heat, or freezing. Inspect all incoming containers before storage to ensure containers are properly labeled and not damaged. Keep separated from incompatible substances.

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

Printed date: January 12, 2024

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical identity (CAS number)	Type	Control parameters	Reference
Titanium dioxide (13463-67-7)	TWA PEL US IDLH	10 mg/m ³ 15 mg/m ³ 5000 mg/m ³	ACGIH OSHA IDLH
Acrylonitrile (107-13-1)	TWA PEL (TWA) PEL (ceiling) US IDLH REL (TWA) REL (ceiling)	2 ppm 2 ppm 10 ppm 60 ppm 1 ppm 10 ppm	ACGIH OSHA OSHA IDLH NIOSH NIOSH
Chloroform (67-66-3)	TWA PEL (ceiling) PEL (ceiling) US IDLH REL (STEL) REL (STEL)	10 ppm 240 mg/m ³ 50 ppm 500 ppm 9.78 mg/m ³ 2 ppm	ACGIH OSHA OSHA IDLH NIOSH NIOSH
Carbonic acid, calcium salt (1:1) (471-34-1)	REL (TWA)	10 mg/m ³ (total dust) 5 mg/m ³ (respirable dust)	NIOSH
2-Pentanone, 4-methyl- (108-10-1)	TWA STEL PEL (TWA) PEL (TWA) US IDLH REL (TWA) REL (TWA) REL (STEL) REL (STEL)	20 ppm 75 ppm 410 mg/m ³ 100 ppm 500 ppm 205 mg/m ³ 50 ppm 300 mg/m ³ 75 ppm	ACGIH ACGIH OSHA OSHA IDLH NIOSH NIOSH NIOSH NIOSH
Phenyl glycidyl ether (122-60-1)	TWA PEL (TWA) PEL (TWA) US IDLH REL (ceiling) REL (ceiling)	0.1 ppm 60 mg/m ³ 10 ppm 100 ppm 6 mg/m ³ 1 ppm	ACGIH OSHA OSHA IDLH NIOSH NIOSH
Ethyl acrylate (140-88-5)	TWA STEL PEL (TWA) PEL (TWA) US IDLH	5 ppm 15 ppm 100 mg/m ³ 25 ppm 300 ppm	ACGIH ACGIH OSHA OSHA IDLH
Epichlorohydrin (106-89-8)	TWA PEL (TWA) PEL (TWA) US IDLH	0.5 ppm 19 mg/m ³ 5 ppm 75 ppm	ACGIH OSHA OSHA IDLH
Methyl alcohol (67-56-1)	TWA STEL PEL PEL US IDLH REL (TWA) REL (TWA) REL (STEL) REL (STEL)	200 ppm 250 ppm 260 mg/m ³ 200 ppm 6000 ppm 260 mg/m ³ 200 ppm 325 mg/m ³ 250 ppm	ACGIH ACGIH OSHA OSHA IDLH NIOSH NIOSH NIOSH NIOSH

Appropriate engineering controls Not required, if ventilation is adequate.

Individual protection measures

- Hand protection Protective gloves.
- Eye protection Wear splash resistant safety glasses with side-shields. In cases of heavy use or splattering, additional protection, such as a face-shield may be worn.
- Skin protection Wear suitable working clothes.
- Respiratory protection Not required if ventilation is adequate however under conditions of frequent use or heavy exposure, respiratory protection may be needed. Avoid directly breathing vapors and mist.

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

Printed date: January 12, 2024

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid, paste	Decomposition temperature	No data available
Color	Various	pH	No data available
Odor	Odorless	Kinematic viscosity	No data available
Melting point/freezing point	No data available	Solubility in water	Insoluble
Boiling point and boiling range	No data available	Partition coefficient: n-octanol/water	No data available
Flammability	No data available	Vapour pressure	No data available
Lower and upper explosion limit/flammability limit	No data available	Density and/or relative density (water = 1)	1 – 1.6
Flash point	200 °C	Relative vapour density (air = 1)	No data available
Auto-ignition temperature	No data available	Particle characteristics	No data available

10. STABILITY AND REACTIVITY

Reactivity	Stable and non-reactive at normal handling and storage conditions.
Chemical stability	Stable at normal handling
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.
Incompatible materials	Oxidizing materials, acids, amines, strong caustics, water.
Hazardous decomposition products	Oxides of carbon, oxides of nitrogen, aldehydes, various polymer compounds.

11. TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Acute toxicity of main components

Chemical identity (CAS number)	LD ₅₀	LC ₅₀	ATE US
Titanium dioxide (13463-67-7)	> 10000 mg/kg (rat, oral)	Not available	Not available
Acrylonitrile (107-13-1)	193 mg/kg (rat, oral) 63 mg/kg (rabbit, dermal)	0.47 mg/l/4h (rat, inhalation)	193 mg/kg body weight (oral) 63 mg/kg body weight (dermal) 700 ppmV/4h (gases) 0,47 mg/l/4h (vapors) 0,47 mg/l/4h (dust, mist)
Chloroform (67-66-3)	450 mg/kg (rat, oral) > 20 g/kg (rabbit, dermal)	47702 mg/m ³ /4 h (rat, inhalation)	450 mg/kg body weight (oral) 700 ppmV/4h (gases) 3 mg/l/4h (vapors) 0,5 mg/l/4h (dust, mist)
Carbonic acid, calcium salt (1:1) (471-34-1)	6450 mg/kg (rat, oral)	Not available	6450 mg/kg (oral)
2-Pentanone, 4-methyl- (108-10-1)	2080 mg/kg (rat, oral) 3000 mg/kg (rabbit, dermal)	8.2 mg/l/4h (rat, inhalation)	2080 mg/kg body weight (oral) 8.2 mg/l/4h (dust, mist)
Phenyl glycidyl ether (122-60-1)	1500 mg/kg (rabbit, dermal)	> 100 ppm (8 h, rat, inhalation)	2600 mg/kg body weight (oral) 1500 mg/kg body weight (dermal) 4500 ppmV/4h (gases) 11 mg/l/4h (vapors) 1.5 mg/l/4h (dust, mist)
Ethyl acrylate (140-88-5)	550 mg/kg (rat, oral) 1790 mg/kg (rabbit, dermal) 1410 ppm/4h (rat, inhalation)	Not available	550 mg/kg body weight (oral) 1790 mg/kg body weight (dermal) 1410 ppmV/4h (gases) 11 mg/l/4h (vapors) 1.5 mg/l/4h (dust, mist)

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

Printed date: January 12, 2024

Chemical identity (CAS number)	LD ₅₀	LC ₅₀	ATE US
Epichlorohydrin (106-89-8)	90 mg/kg (rat, oral) 515 mg/kg (rabbit, dermal)	0.95 mg/l/4h (rat, inhalation)	90 mg/kg (oral) 515 mg/kg (dermal)
Methyl alcohol (67-56-1)	6200 mg/kg (rat, oral) 15840 mg/kg (rabbit, dermal)	22500 ppm (8 h, rat, inhalation)	100 mg/kg body weight (oral) 300 mg/kg body weight (dermal) 700 ppmV/4h (gases) 3 mg/l/4h (vapors) 0.5 mg/l/4h (dust, mist)

Skin corrosion/irritation Not classified

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization May cause an allergic skin reaction.

Germ cell mutagenicity Suspected of causing genetic defects.

Carcinogenicity May cause cancer.

Reproductive toxicity Suspected of damaging fertility or the unborn child.

STOT-single exposure Causes damage to organs.

STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure.

Aspiration toxicity Not classified

Substance(s) listed on the IARC Monographs

Titanium dioxide	Group 2B - Possibly carcinogenic to humans
Acrylonitrile	Group 2B - Possibly carcinogenic to humans
Chloroform	Group 2B - Possibly carcinogenic to humans
2-Pentanone, 4-methyl-	Group 2B - Possibly carcinogenic to humans
Phenyl glycidyl ether	Group 2B - Possibly carcinogenic to humans
Ethyl acrylate	Group 2B - Possibly carcinogenic to humans
Epichlorohydrin	Group 2A - Probably carcinogenic to humans

Substance(s) listed on ACGIH Carcinogen list

Titanium dioxide	A3 - Confirmed animal carcinogen with unknown relevance to humans
Acrylonitrile	A3 - Confirmed animal carcinogen with unknown relevance to humans
Chloroform	A3 - Confirmed animal carcinogen with unknown relevance to humans
2-Pentanone, 4-methyl-	A3 - Confirmed animal carcinogen with unknown relevance to humans
Phenyl glycidyl ether	A3 - Confirmed animal carcinogen with unknown relevance to humans
Epichlorohydrin	A2 – Suspected human carcinogen

Substance(s) listed on the NTP report on Carcinogens

Acrylonitrile	3 - Reasonably anticipated to be Human Carcinogen
Chloroform	3 - Reasonably anticipated to be Human Carcinogen
Epichlorohydrin	3 - Reasonably anticipated to be Human Carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity Harmful to aquatic life.

Chemical identity (CAS number)	Type	Results
Acrylonitrile (107-13-1)	LC50 fish 1 EC50 Daphnia 1 LC50 fish 2	6.7 – 15 mg/l (96 h, Pimephales promelas [flow-through]) 7.38 mg/l (48 h, Daphnia magna) 8.0 – 12.0 mg/l (96 h, Lepomis macrochirus [static])
Chloroform (67-66-3)	LC50 fish 1 EC50 Daphnia 1 LC50 fish 2	71 mg/l (96 h, Pimephales promelas [flow-through]) 29 mg/l (48 h, Daphnia magna) 18 mg/l (96 h, Oncorhynchus mykiss [flow-through])
2-Pentanone, 4-methyl- (108-10-1)	LC50 fish 1 EC50 Daphnia 1	496 – 514 mg/l (96 h, Pimephales promelas [flow-through]) 170 mg/l (48 h, Daphnia magna)
Ethyl acrylate (140-88-5)	LC50 fish 1 EC50 Daphnia 1 LC50 fish 2	4.6 mg/l (96 h, Oncorhynchus mykiss) 7.9 mg/l (48 h, Daphnia magna) 2.31 – 2.7 mg/l (96 h, Pimephales promelas [flow-through])
Epichlorohydrin (106-89-8)	LC50 fish 1 EC50 Daphnia 1 LC50 fish 2	35 mg/l (96 h, Lepomis macrochirus [static]) 24 mg/l (48 h, Daphnia magna) 35 mg/l (96 h, Lepomis macrochirus [semi-static])

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

Printed date: January 12, 2024

Chemical identity (CAS number)	Type	Results
Methyl alcohol (67-56-1)	LC50 fish 1 LC50 fish 2	28200 mg/l (96 h, Pimephales promelas [flow-through]) > 100 mg/l (96 h, Pimephales promelas [static])

Persistence and degradability No additional information available

Bioaccumulative potential

Chemical identity (CAS number)	Type	Results
Acrylonitrile (107-13-1)	BCF fish 1 Partition coefficient n-octanol/water (Log Pow)	48 -0.92
Chloroform (67-66-3)	BCF fish 1 Partition coefficient n-octanol/water (Log Pow)	1.4 – 13 2 (at 25°C)
Carbonic acid, calcium salt (1:1) (471-34-1)	BCF fish 1	(no bioaccumulation)
2-Pentanone, 4-methyl- (108-10-1)	Partition coefficient n-octanol/water (Log Pow)	1.19
Ethyl acrylate (140-88-5)	Partition coefficient n-octanol/water (Log Pow)	1.18 (at 25°C)
Epichlorohydrin (106-89-8)	Partition coefficient n-octanol/water (Log Pow)	0.3 (at 20°C)
Methyl alcohol (67-56-1)	BCF fish 1 Partition coefficient n-octanol/water (Log Pow)	< 10 -0.77

Mobility in soil No additional information available

Other adverse effects No additional information available

13. DISPOSAL METHODS

Disposal methods Dispose of contents/container in accordance with local/regional/national/international regulations. Do not reuse empty containers.

14. TRANSPORT INFORMATION

USDOT	UN Number UN proper shipping name Transport hazard class(es) Packing group	Not regulated
TDG	UN Number UN proper shipping name Transport hazard class(es) Packing group	Not regulated
IATA	UN Number UN proper shipping name Transport hazard class(es) Packing group	Not regulated
IMDG	UN Number UN proper shipping name Transport hazard class(es) Packing group	Not regulated

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

Printed date: January 12, 2024

15. REGULATORY INFORMATION

Canada - Federal regulations

DSL Titanium dioxide
Acrylonitrile
Chloroform
Carbonic acid, calcium salt (1:1)
2-Pentanone, 4-methyl-
Phenyl glycidyl ether
Ethyl acrylate
Epichlorohydrin
Methyl alcohol

US - Federal regulations

TSCA inventory Titanium dioxide
Acrylonitrile
Chloroform
Carbonic acid, calcium salt (1:1)
2-Pentanone, 4-methyl-
Phenyl glycidyl ether
Ethyl acrylate
Epichlorohydrin
Methyl alcohol

SARA Section 302 Acrylonitrile
Chloroform
Epichlorohydrin

SARA Section 313 Acrylonitrile
Chloroform
2-Pentanone, 4-methyl-
Ethyl acrylate
Epichlorohydrin
Methyl alcohol

US - State regulations

California Proposition 65 – Carcinogen list Titanium dioxide
Acrylonitrile
Chloroform
2-Pentanone, 4-methyl-
Phenyl glycidyl ether
Ethyl acrylate
Epichlorohydrin
Methyl alcohol

California Proposition 65 – Developmental Toxicity Chloroform
2-Pentanone, 4-methyl-
Methyl alcohol

16. OTHER INFORMATION

Issue date January 3, 2024

Version 1

Other information Not applicable

Notice to reader The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
This SDS cancels and replaces any preceding release.

SAFETY DATA SHEET

PRO COLORSEAL ULTRA



Version 1

Issue date: January 3, 2024

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Acronyms

- ACGIH: American Conference of Governmental Industrial Hygienists
- ATE: Acute toxicity estimate
- BCF: Bioconcentration Factor
- CAS: Chemical Abstract Services
- DOT: Department of Transportation DSL: Domestic Substances List
- EC50: Effective concentration which causes an effect on 50 % of the studied population
- GHS: Globally Harmonized System of Classification and Labelling of Chemicals
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- IBC: Insurance Bureau of Canada
- IDLH: Immediately dangerous to life or health
- IMDG: International Maritime Dangerous Goods
- LC50: Lethal concentration which causes 50 % of mortality in the studied population
- LD50: Lethal dose, administered at one time, which causes the death of 50 % of the studied population
- NIOSH: National Institute for Occupational Safety and Health
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- REL: Recommended exposure limit
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short-term exposure limit
- STOT RE: Specific target organ toxicity, repeated exposure
- STOT SE: Specific target organ toxicity, single exposure
- TDG: Transportation of Dangerous Goods
- TSCA: Toxic Substances Control Act
- TWA: Time Weighted Average
- UN: United Nations