PROXL - TRIM COATING GLOSS BLACK (500ML)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 4/19/2023 Revision date: 12/18/2023 Supersedes: 4/19/2023 Version: 1.1

SECTION 1: Identification

1.1. Identification

Product form	:	Mixture
Trade name	:	PROXL - TRIM COATING GLOSS BLACK (500ML)
Product code	:	919550-US

1.2. Recommended use and restrictions on use

Recommended use	:	Varnish
Restrictions on use	:	All other uses not recommended above

1.3. Supplier

Capella Inc
370 W. Pleasantview Ave, Suite 2-281V
Hackensack, New Jersey 07601
United States
T (800) 451-0917
sds@capellasolutionsinc.com

1.4. Emergency telephone number

Emergency number	:	For Hazardous Materials or Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night: 1-800-424-9300 (Toll Free, USA) / 703-527-3887 (Virgina, USA) CCN 1014359

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Flammable aerosol Category 1	Extremely flammable aerosol
Serious eye damage/eye irritation Category 2	Causes serious eye irritation
Carcinogenicity Category 2	Suspected of causing cancer
Specific target organ toxicity – Single exposure, Category 3, Narcosis	May cause drowsiness or dizziness

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US) :

Signal word (GHS US) : Danger

Hazard statements (GHS US) :
Extremely flammable aerosol
Causes serious eye irritation
May cause drowsiness or dizziness
Suspected of causing cancer

Precautionary statements (GHS US) :
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.

Avoid breathing gas, mist, spray, vapors.
Wash hands, forearms and face thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective clothing, eye protection.
If inhaled: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER if you feel unwell.
IF IN EYES: 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.
If exposed or concerned: Get medical advice/attention.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Dispose of contents/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

2.4. Unknown acute toxicity (GHS US)

49.79% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
51.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Acetone	CAS-No.: 67-64-1	20 – 30	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Dimethyl ether	CAS-No.: 115-10-6	20 – 30	Flam. Gas 1, H220 Press. Gas (Comp.), H280
n-Butyl acetate	CAS-No.: 123-86-4	10 – 15	Flam. Liq. 3, H226 STOT SE 3, H336 Aquatic Acute 3, H402
Propane	CAS-No.: 74-98-6	5 – 10	Flam. Gas 1, H220 Press. Gas (Comp.), H280
2-methoxy-1-methylethyl acetate	CAS-No.: 108-65-6	5 – 10	Flam. Liq. 3, H226
Butane (containing < 0,1 % butadiene)	CAS-No.: 106-97-8	5 – 10	Flam. Gas 1, H220 Press. Gas (Comp.), H280
Isobutane (containing < 0,1 % butadiene)	CAS-No.: 75-28-5	5 – 10	Flam. Gas 1, H220 Press. Gas (Comp.), H280
Cellulose nitrate	CAS-No.: 9004-70-0	2 – 4	Expl. 1.1, H201

Name	Product identifier	%	GHS US classification
Butan-1-ol	CAS-No.: 71-36-3	1 – 3	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H336 STOT SE 3, H335
Propan-2-ol	CAS-No.: 67-63-0	1 – 3	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Carbon black	CAS-No.: 1333-86-4	< 1	Carc. 2, H351 STOT RE 1, H372
2-(2-butoxyethoxy)ethanol	CAS-No.: 112-34-5	< 0.1	Eye Irrit. 2, H319

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

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

First-aid measures after skin contact : Take off contaminated clothing and wash it before reuse. Wash skin with plenty of water. Call a poison center/doctor/physician if you feel unwell.

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 : Rinse mouth out with water. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact : May cause moderate irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract. Ingestion may cause nausea and vomiting.

Most Important Symptoms/Effects : Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. Causes serious eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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

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

5.2. Specific hazards arising from the chemical

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Contains gas under pressure; may explode if heated.

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

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire with normal precautions from a reasonable distance. Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment. In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.

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

General measures : Eliminate every possible source of ignition. Proper grounding procedures to avoid static electricity should be followed. Use non-sparking tools. Avoid all personal contact including breathing in the spray, mist, gas, vapors. Do not take actions involving personal risks.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate the danger area. If outdoors, move to an area upwind of the danger area. If possible without taking personal risks, remove ignition sources, ventilate area. Prevent other non-emergency personnel from entering the danger area.

6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment. Do NOT wash away into sewer. Do not let the product reach soil, drains, sewers, or surface and ground water.

6.3. Methods and material for containment and cleaning up

For containment : Contain with non-combustible inert absorbent.

Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Contaminated absorbent material may pose the same hazard as the spilt product. Decontaminate surfaces and equipment with water and detergent. Until a sufficient level of dilution is achieved, the decontamination water may pose the same hazards as the product. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing spray, mist, gas, vapors. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Use explosion-proof equipment in any process generating gas, vapors air mixtures above the Lower Explosive Limit (refer to Section 9). Pressurized container: Do not pierce or burn, even after use.

Hygiene measures : 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

Storage conditions : Keep cool. Do not expose to temperatures exceeding 50 °C/ 122 °F. Protect from sunlight. Store in a well-ventilated place. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

PROXL - TRIM COATING GLOSS BLACK (500ML)	
No additional information available	

Acetone (67-64-1)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Acetone
ACGIH OEL TWA	250 ppm
ACGIH OEL STEL	500 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2023
USA - ACGIH - Biological Exposure Indices	
Local name	ACETONE
BEI	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift - Notations: Ns
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	Acetone
OSHA PEL TWA	2400 mg/m³
	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Dimethyl ether (115-10-6)
No additional information available

n-Butyl acetate (123-86-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	n-Butyl acetate
ACGIH OEL TWA	50 ppm
ACGIH OEL STEL	150 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	n-Butyl-acetate
OSHA PEL TWA	710 mg/m³
	150 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

Propane (74-98-6)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Propane
Remark (ACGIH)	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	Propane
OSHA PEL TWA	1800 mg/m³
	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

2-methoxy-1-methylethyl acetate (108-65-6)
No additional information available

Butane (containing < 0,1 % butadiene) (106-97-8)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Butane
ACGIH OEL STEL	1000 ppm (EX - Explosion hazard)
Remark (ACGIH)	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2023

Isobutane (containing < 0,1 % butadiene) (75-28-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Isobutane
ACGIH OEL STEL	1000 ppm (EX - Explosion hazard)
Remark (ACGIH)	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2023

Cellulose nitrate (9004-70-0)
No additional information available

Butan-1-ol (71-36-3)	
USA - ACGIH - Occupational Exposure Limits	
Local name	n-Butanol
ACGIH OEL TWA	20 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	n-Butyl alcohol
OSHA PEL TWA	300 mg/m³
	100 ppm

Butan-1-ol (71-36-3)	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Propan-2-ol (67-63-0)	
USA - ACGIH - Occupational Exposure Limits	
Local name	2-Propanol
ACGIH OEL TWA	200 ppm
ACGIH OEL STEL	400 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2023
USA - ACGIH - Biological Exposure Indices	
Local name	2-PROPANOL
BEI	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: End of shift at end of workweek - Notations: B, Ns
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	Isopropyl alcohol
OSHA PEL TWA	980 mg/m³
	400 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
2-(2-butoxyethoxy)ethanol (112-34-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Diethylene glycol monobutyl ether
ACGIH OEL TWA	10 ppm (IFV - Inhalable fraction and vapor)
Remark (ACGIH)	TLV® Basis: Hematologic, liver & kidney eff
Regulatory reference	ACGIH 2023
Carbon black (1333-86-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Carbon black
ACGIH OEL TWA	3 mg/m³ (I - Inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
Regulatory reference	ACGIH 2023
USA - OSHA - Occupational Exposure Limits	
Local name	Carbon black
OSHA PEL TWA	3.5 mg/m³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls	:	Use general ventilation, local exhaust ventilation or process enclosure to keep the airborne concentrations below the permissible exposure limits.
Environmental exposure controls	:	Avoid release to the environment. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment.

Hand protection:
Butyl rubber protective gloves with a permeation time of >480 minutes for each ingredient of this mixture.

Eye protection:
Chemical goggles or safety glasses

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid.
Color	:	Black
Odor	:	Solvent-like
Odor threshold	:	No data available
pH	:	No data available
Melting point	:	Not applicable
Freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	No data available
Relative evaporation rate (butyl acetate=1)	:	No data available
Flammability (solid, gas)	:	Extremely flammable aerosol.
Vapor pressure	:	400 kPa (20°C/68ºF)
Relative vapor density at 20°C	:	No data available
Relative density	:	No data available
Density	:	0.7 g/cm³ (20°C/68ºF)
Solubility	:	Material insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Auto-ignition temperature	:	240 °C (464ºF)
Decomposition temperature	:	No data available
Viscosity, kinematic	:	No data available
Viscosity, dynamic	:	No data available

Explosion limits	:	Lower explosion limit: 1.2 vol % Upper explosion limit: 26.2 vol %
Explosive properties	:	No data available
Oxidizing properties	:	No data available

9.2. Other information

Additional information	:	Maximum Incremental Reactivity (MIR): 0.74 This product has been based on the Californian regulation for consumer products using the most recent values. Capella Solutions Inc have classified this product as an automotive bumper and trim product.

SECTION 10: Stability and reactivity

10.1. Reactivity

Extremely flammable aerosol.

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

Strong acids. Strong bases. Oxidizing agents.

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 toxicological effects

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

PROXL - TRIM COATING GLOSS BLACK (500ML)	
Unknown acute toxicity (GHS US)	49.79% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 51.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

Acetone	
LD50 oral rat	5800 mg/kg body weight
LD50 dermal rabbit	> 15800 mg/kg
LC50 Inhalation - Rat	> 20 mg/l/4h

Dimethyl ether	
LC50 Inhalation - Rat [ppm]	164000 ppm

n-Butyl acetate	
LD50 oral rat	10800 mg/kg
LD50 dermal rabbit	> 17600 mg/kg
LC50 Inhalation - Rat	21 mg/l
2-methoxy-1-methylethyl acetate	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg
LC50 Inhalation - Rat	> 8 mg/l
Butane (containing < 0,1 % butadiene)	
LC50 Inhalation - Rat	658 mg/l/4h
Butan-1-ol	
LD50 oral rat	2290 mg/kg
LD50 dermal rabbit	3430 mg/kg
Propan-2-ol	
LD50 oral rat	5840 mg/kg body weight
2-(2-butoxyethoxy)ethanol	
LD50 dermal rabbit	2764 mg/kg body weight
Carbon black	
LD50 oral rat	> 8000 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight

Skin corrosion/irritation : Not classified

n-Butyl acetate	
pH	6.2 (5,3 g/L | 20ºC/68ºF)
Carbon black	
Skin corrosion/irritation, rabbit	Not irritating

Serious eye damage/irritation : Causes serious eye irritation.

n-Butyl acetate	
pH	6.2 (5,3 g/L | 20ºC/68ºF)
Carbon black	
Serious eye damage/irritation, rabbit	Not irritating

Respiratory or skin sensitization : Not classified

Carbon black	
Local Lymph Node Assay	Not sensitive

Germ cell mutagenicity : Not classified

Carcinogenicity : Suspected of causing cancer.

Propan-2-ol	
IARC group	3 - Not classifiable

Carbon black	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity : Not classified

Acetone	
LOAEL (animal/female, F0/P)	11298 mg/kg body weight
NOAEL (animal/male, F0/P)	900 mg/kg body weight

2-(2-butoxyethoxy)ethanol	
NOAEL (animal/male, F0/P)	> 452 mg/kg body weight
NOAEL (animal/female, F0/P)	> 470 mg/kg body weight

STOT-single exposure : May cause drowsiness or dizziness.

Acetone	
STOT-single exposure	May cause drowsiness or dizziness.

n-Butyl acetate	
STOT-single exposure	May cause drowsiness or dizziness.

Butan-1-ol	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.

Propan-2-ol	
STOT-single exposure	May cause drowsiness or dizziness.

STOT-repeated exposure : Not classified

n-Butyl acetate	
LOAEL (oral,rat,90 days)	500 mg/kg body weight
NOAEL (oral,rat,90 days)	125 mg/kg body weight

2-methoxy-1-methylethyl acetate	
NOAEL (dermal,rat/rabbit,90 days)	> 1000 mg/kg body weight

2-(2-butoxyethoxy)ethanol	
NOAEL (oral,rat,90 days)	250 mg/kg body weight
NOAEL (dermal,rat/rabbit,90 days)	< 200 mg/kg body weight

Carbon black	
LOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.0071 mg/l air
NOAEL (oral,rat,90 days)	> 1000 mg/kg body weight
NOAEC (inhalation,rat,dust/mist/fume,90 days)	0.0011 mg/l air
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Viscosity, kinematic : No data available

n-Butyl acetate	
Viscosity, kinematic	0.83 mm²/s (20°C/ 68°F)

Butan-1-ol	
Viscosity, kinematic	3.641 mm²/s

2-(2-butoxyethoxy)ethanol	
Viscosity, kinematic	≈ 6.794 mm²/s

Symptoms/effects : May cause drowsiness or dizziness.

Symptoms/effects after inhalation : Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. Inhalation may cause irritation (cough, short breathing, difficulty in breathing).

Symptoms/effects after skin contact : May cause moderate irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Eye irritation.

Symptoms/effects after ingestion : May cause irritation to the digestive tract. Ingestion may cause nausea and vomiting.

Most Important Symptoms/Effects : Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. Causes serious eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Acetone	
LC50 - Fish [1]	8300 mg/l
EC50 - Crustacea [1]	8450 mg/l
ErC50 algae	7200 mg/l
LOEC (chronic)	> 79 mg/l
NOEC (chronic)	≥ 79 mg/l
NOEC chronic crustacea	2212 mg/l

Dimethyl ether	
LC50 - Fish [1]	> 4.1 g/l
EC50 - Crustacea [1]	> 4.4 g/l
EC50 96h - Algae [1]	154917 mg/l
ErC50 algae	155 mg/l

n-Butyl acetate	
LC50 - Fish [1]	18 mg/l
EC50 - Crustacea [1]	44 mg/l
EC50 72h - Algae [1]	397 mg/l
EC50 72h - Algae [2]	246 mg/l
LOEC (chronic)	47.6 mg/l
NOEC (chronic)	23.2 mg/l

2-methoxy-1-methylethyl acetate	
LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 500 mg/l
EC50 72h - Algae [1]	> 1000 mg/l
NOEC (chronic)	≥ 100 mg/l
NOEC chronic fish	47.5 mg/l

Butan-1-ol	
LC50 - Fish [1]	1376 mg/l
EC50 - Crustacea [1]	1328 mg/l
EC50 96h - Algae [1]	225 mg/l
ErC50 algae	225 mg/l
NOEC (chronic)	4.1 mg/l
NOEC chronic crustacea	4.1 mg/l

Propan-2-ol	
LC50 - Fish [1]	10000 mg/l
LC50 - Fish [2]	9640 mg/l

2-(2-butoxyethoxy)ethanol	
LC50 - Fish [1]	1300 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 96h - Algae [1]	> 100 mg/l

Carbon black	
EC50 - Crustacea [1]	> 1000 mg/l
EC50 72h - Algae [1]	> 10000 mg/l
EC50 72h - Algae [2]	> 10000 mg/l

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. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Disposal must be done according to official regulations.

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

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. This material and its container must be disposed of as hazardous waste.

Ecological information : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
1950	1950	1950
14.2. Proper Shipping Name		
Aerosols	AEROSOLS	Aerosols, flammable
14.3. Transport hazard class(es)		
2.1	2.1	2.1
		
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No
No supplementary information available		

14.6. Special precautions for user

DOT

UN-No.(DOT) : UN1950

DOT Packaging Exceptions (49 CFR 173.xxx) : 306

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 75 kg

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 150 kg

DOT Vessel Stowage Location : A - The material may be stowed ''on deck'' or ''under deck'' on a cargo vessel and on a passenger vessel.

DOT Vessel Stowage Other : 25 - Shade from radiant heat,87 - Stow ''separated from'' Class 1 (explosives) except Division 14,126 - Segregation same as for Class 9, miscellaneous hazardous materials

IMDG

Special provision (IMDG) : 63, 190, 277, 327, 344, 381, 959

Limited quantities (IMDG) : SP277

Excepted quantities (IMDG) : E0

Packing instructions (IMDG)	:	P207, LP200
Packing provisions (IMDG)	:	PP87, L2
EmS-No. (Fire)	:	F-D - FIRE SCHEDULE Delta - FLAMMABLE GASES
EmS-No. (Spillage)	:	S-U - SPILLAGE SCHEDULE Uniform - GASES (FLAMMABLE, TOXIC OR CORROSIVE)
Stowage category (IMDG)	:	None
Stowage and handling (IMDG)	:	SW1, SW22
Segregation (IMDG)	:	SG69

IATA

PCA Excepted quantities (IATA)	:	E0
PCA Limited quantities (IATA)	:	Y203
PCA limited quantity max net quantity (IATA)	:	30kgG
PCA packing instructions (IATA)	:	203
PCA max net quantity (IATA)	:	75kg
CAO packing instructions (IATA)	:	203
CAO max net quantity (IATA)	:	150kg
ERG code (IATA)	:	10L

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Butan-1-ol	CAS-No. 71-36-3	1 – 3%
Propan-2-ol	CAS-No. 67-63-0	1 – 3%

Acetone (67-64-1)

CERCLA RQ	5000 lb

n-Butyl acetate (123-86-4)

CERCLA RQ	5000 lb

Butan-1-ol (71-36-3)

CERCLA RQ	5000 lb

15.2. International regulations

CANADA

Acetone (67-64-1)

Listed on the Canadian DSL (Domestic Substances List)

Dimethyl ether (115-10-6)

Listed on the Canadian DSL (Domestic Substances List)

n-Butyl acetate (123-86-4)

Listed on the Canadian DSL (Domestic Substances List)

Propane (74-98-6)

Listed on the Canadian DSL (Domestic Substances List)

2-methoxy-1-methylethyl acetate (108-65-6)

Listed on the Canadian DSL (Domestic Substances List)

Butane (containing < 0,1 % butadiene) (106-97-8)

Listed on the Canadian DSL (Domestic Substances List)

Isobutane (containing < 0,1 % butadiene) (75-28-5)

Listed on the Canadian DSL (Domestic Substances List)

Cellulose nitrate (9004-70-0)

Listed on the Canadian DSL (Domestic Substances List)

Butan-1-ol (71-36-3)

Listed on the Canadian DSL (Domestic Substances List)

Propan-2-ol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

2-(2-butoxyethoxy)ethanol (112-34-5)

Listed on the Canadian DSL (Domestic Substances List)

Carbon black (1333-86-4)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Acetone (67-64-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Dimethyl ether (115-10-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

n-Butyl acetate (123-86-4)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Propane (74-98-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

2-methoxy-1-methylethyl acetate (108-65-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Butane (containing < 0,1 % butadiene) (106-97-8)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Isobutane (containing < 0,1 % butadiene) (75-28-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Cellulose nitrate (9004-70-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Butan-1-ol (71-36-3)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Propan-2-ol (67-63-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

2-(2-butoxyethoxy)ethanol (112-34-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Carbon black (1333-86-4)

Listed on IARC (International Agency for Research on Cancer)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations

⚠ **WARNING:** This product can expose you to Carbon black (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision date : 12/18/2023

Full text of H-phrases	
H201	Explosive; mass explosion hazard

Full text of H-phrases	
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapor
H226	Flammable liquid and vapor
H280	Contains gas under pressure; may explode if heated
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H372	Causes damage to organs through prolonged or repeated exposure
H402	Harmful to aquatic life

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.