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

1.1 Product identifier

Product Description : C Ink - Black

Item Code : 7541

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 : Timber Branding Ink

Restrictions on use : Not to be used for any purpose other than the one the product was designed for

1.4 Details of the supplier of the safety data sheet

Company : **PRIMEPAC INDUSTRIAL LTD**
45 Noel Burnside Road, Wiri, Auckland,
New Zealand.
Tel: +64 800 277772

1.5 Emergency phone number

Emergency number : Office hours: +61 (07) 3179 2100
Poisons Information Centre (24 h): 13 11 26

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 4 : H227

Acute toxicity (oral), Category 4 : H302

Acute toxicity (dermal), Category 4 : H312

Acute toxicity (inhalation: vapour) Category 4 : H332

Skin corrosion/irritation, Category 2 : H315

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Serious eye damage/eye irritation, Category 2A : H319

Specific target organ toxicity – Single exposure,
Category 3, Respiratory tract irritation : H335

2.2 GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :



Signal word (GHS AU) : Warning

Contains : Ethylene glycol monobutyl ether (≥ 60 %)

Hazard statements (GHS AU) : H227 - Combustible liquid

H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Precautionary statements

(GHS AU)

: P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read carefully and follow all instructions.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P261 - Avoid breathing vapours.

P264 - Wash hands, forearms and face thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 - If skin irritation occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P370+P378 - In case of fire: Use media other than water to extinguish.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

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

P405 - Store locked up.

P501 - 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

SECTION 3: Composition and information on ingredients

Chemical Name	CAS No.	%
Ethylene glycol monobutyl ether	-	≥ 60

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: Call a poison center or a doctor if you feel unwell.
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	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Irritation.
Symptoms/effects after eye contact	: Eye irritation.

4.3. Medical attention and special treatment

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting Measures

5.1. Extinguishing media

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

Unsuitable extinguishing media : Unsuitable extinguishing media are not known.

5.2. Specific hazards arising from the chemical

Fire hazard : Combustible liquid.

General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.

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

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Keep upwind.
Fight fire from safe distance and protected location.

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

Hazchem Code : * 3Y

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures : No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.

6.1.1 For non-emergency personnel

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray.

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.



6.3. Methods and materials 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.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray.

Hygiene measures

: Wash contaminated clothing before reuse. 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

: Does not require any specific or particular technical measures.

Storage conditions

: Store in a well-ventilated place. Keep cool. Store locked up. Keep container tightly closed.

Information on mixed storage

: Store away from incompatible materials and products. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.

Storage area

: Keep out of direct sunlight.

Special rules on packaging

: Position containers so that any labeling information is visible. Keep packaging closed when not in use. Check containers and packaging regularly for leaks and damage.

Packaging materials

: Keep only in original packaging.

SECTION 8: Exposure controls and personal protection

8.1 Control parameters - exposure standards

No additional information available

8.2 Monitoring methods

Monitoring methods

: Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents. Gas detectors should be used when toxic gases may be released. Gas detectors should be used when flammable gases/vapours may be released.

8.3 Engineering controls

Appropriate engineering controls

: Ensure good ventilation of the work station. Use spark-/explosionproof appliances and lighting system. Use grounded electrical/mechanical equipment.



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

Personal protective equipment

: Personal protective equipment (PPE) must be suited to the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. Avoid all unnecessary exposure. Safety shower with an appropriate liquid. Ocular shower with suitable liquid.

Hand protection

: Wear protective gloves: Antistatic gloves

Eye protection

: Eye protection is provided by the respiratory protection (see section)

Skin and body protection

: Wear protective clothing: Antistatic clothing, Flame retardant protective clothing. Wear foot protection

Respiratory protection

: Wear appropriate mask: Combined full gas/dust mask with filter type

Personal protective equipment symbol(s)



Consumer exposure controls

: Personal protective equipment (PPE) is not required when handling individual retail pack.

Other information

: PPE compliant to the recommended standards should be selected. The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

SECTION 9: Physical and chemical properties

Physical state	: Liquid
Appearance	: No data available Not applicable
Molecular mass	: Not available
Colour	: Black
Odour	: Not available
Odour threshold	: No data available
pH	: Not available
pH solution	: Not available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point / Freezing point	: Melting point: Not available
Boiling point	: 140 – 175 °C
Flash point	: 68 °C
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Flammability	: No data available
Vapour pressure	: Vapour pressure: 13 kPa at 20°C.
Relative density	: Relative vapour density at 20°C: Not available. (Air=1).
Density	: Density: ≈ 0.9 kg/l Relative density: (Water = 1).
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: Not available
Viscosity, kinematic	: Not available
Explosive properties	: No data available
Explosive limits	: No data available
Minimum ignition energy	: No data available
VOC content	: Not available
Fat solubility	: 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.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	: Strong acids. Strong bases. Strong oxidizers.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Acute toxicity (oral)	: Harmful if swallowed.
Acute toxicity (dermal)	: Harmful in contact with skin.
Acute toxicity (inhalation)	: Harmful if inhaled.

C INK - BLACK

ATE AU (oral)	520.833 mg/kg bodyweight
ATE AU (dermal)	1145.833 mg/kg bodyweight
ATE AU (vapours)	11.458 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation. pH: Not available
Serious eye damage/irritation	: Causes serious eye irritation. pH: Not available
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause respiratory irritation.

Ethylene glycol monobutyl ether

STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

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Viscosity, kinematic	Not available
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Ethylene glycol monobutyl ether

Animal studies and expert judgment for classification	False
Viscosity, kinematic	3.7 mm ² /s (@ 20°C).

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

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

Ethylene glycol monobutyl ether

Partition coefficient n-octanol/water (Log Pow)	0.81 (20°C)
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12.2 Persistence and degradability

No additional information available

12.3 Bioaccumulative potential

C INK - BLACK

Partition coefficient n-octanol/water (Log Pow)	Not available
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Ethylene glycol monobutyl ether

Partition coefficient n-octanol/water (Log Pow)	0.81 (20°C)
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12.4 Mobility in soil

C INK - BLACK

Partition coefficient n-octanol/water (Log Pow)	Not available
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Ethylene glycol monobutyl ether

Partition coefficient n-octanol/water (Log Pow)	0.81 (20°C)
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12.5 Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False
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Ethylene glycol monobutyl ether




Fluorinated greenhouse gases	False
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SECTION 13: Disposal considerations

Waste treatment methods

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

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
1210	1210	1210
14.2. UN Proper Shipping Name		
PRINTING INK	PRINTING INK	PRINTING INK
		14.3. Transport hazard class(es)
3	3	3
		
14.4. Packing group		
III - Substances presenting low danger	III	III
14.5. Environmental hazards		
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No

14.1 UN number

ADR, RID, AND, IMDG, IATA: Not regulated

14.2 UN proper shipping name

ADR, RID, AND, IMDG, IATA: Not regulated

14.3 Transport hazard class(es)

ADR, RID, AND, IMDG, IATA: Not regulated

14.4 Packing group

ADR, RID, AND, IMDG, IATA: Not regulated

14.5 Environmental hazards IMDG Marine pollutant
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No

14.6 Special precautions for user

Should check whether the container is full and sealed before shipping. Ensure that the product does not collapse, fall, and is not damaged in the transport process. Transportation should prevent insolation and high temperatures and water. Avoid rain, pollution, damage, and long-term exposure. Stopover should be far away from fire, heat sources high temperatures, and water.

Specific storage requirement : No data available

Shock sensitivity : No data available

14.7 Additional information

Other information : No supplementary information available

Transport by road and rail

UN-No. (ADG) : 1210
Special provision (ADG) : 163, 223, 367
Limited quantities (ADG) : 5I
Excepted quantities (ADG) : E1
Packing instructions (ADG) : P001, IBC03, LP01
Special packing provisions (ADG) : PP1
Portable tank and bulk container instructions (ADG) : T2
Portable tank and bulk container special provisions (ADG) : TP1

Transport by sea

UN-No. (IMDG) : 1210
Special provisions (IMDG) : 163, 223, 367, 955
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
Special packing provisions (IMDG) : PP1
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T2
Tank special provisions (IMDG) : TP1
EmS-No. (Fire) : F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE
FLAMMABLE LIQUIDS

EmS-No. (Spillage) : S-D - SPILLAGE SCHEDULE Delta - FLAMMABLE LIQUIDS

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Stowage category (IMDG) : A
 Properties and observations (IMDG) : Fluid or viscous liquid containing colouring matter in solution or suspension. Miscibility with water depends upon the solvent.

Air transport

UN-No. (IATA) : 1210
 PCA Excepted quantities (IATA) : E1
 PCA Limited quantities (IATA) : Y344
 PCA limited quantity max net quantity (IATA) : 10L
 PCA packing instructions (IATA) : 355
 PCA max net quantity (IATA) : 60L
 CAO packing instructions (IATA) : 366
 CAO max net quantity (IATA) : 220L

Special provisions (IATA) : A3, A72, A192
 ERG code (IATA) : 3L

14.8 Hazchem or Emergency Action Code

Hazchem Code : * 3Y

SECTION 15: Regulatory Information

15.1 Regulatory information: Reference to the local, national, US, EU, CA and international regulations.15.1 Safety, health and environmental regulations specific for the product in question.

CAS No.	TCSA	EINECS	DSL	IECSC	NZIoC	PICCS	KECI	AICS
9002-88-4								

TCSA : United States Toxic Substances Control Act Inventory
 EINECS : European Inventory of Existing Commercial Chemical Substances
 DSL : Canadian Domestic Substances List
 IECSC : China Inventory of Existing Chemical Substances
 PICCS : Philippines Inventory of Chemicals and Chemical Substances
 NZIoC : New Zealand Inventory of Chemicals
 KECI : Existing and Evaluated Chemical Substances AICS: List of existing chemical substances in Australia Note

" " Indicates that the substance included in the regulations

"x" That no data or included in the regulations

Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : Listed

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Relevant Poisons Schedule number

: Unscheduled

15.2 International agreements

No additional information available

SECTION 16: Other information

Abbreviations or phrases:

Indication of changes:

Composition/information on ingredients. Routine Review - No significant changes from previous issue.

Data sources

: Safe Work Australia - Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals
Safe Work Australia - Code of Practice - Labelling of Workplace Hazardous Chemicals
Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants
Safe Work Australia - Hazardous Chemical Information System (HCIS)
Australian Inventory of Industrial Chemicals (AICIS Inventory)
Environmental Protection Authority - Hazardous Substances (Hazard Classification) Notice 2020
Environmental Protection Authority - Hazardous Substances (Safety Data Sheets) Notice 2017
Environmental Protection Authority - Hazardous Substances (Labelling) Notice 2017
New Zealand - Chemical Classification and Information Database (CCID)
New Zealand - Inventory of Chemicals (NZIoC)
European Chemicals Agency (ECHA) - Annex VI (C&L Inventory)

European Chemicals Agency (ECHA) - REACH Study Results
European Chemicals Agency (ECHA) - REACH Registration Dossiers
United Nations - Globally Harmonised System of Classification and Labelling of Chemicals (GHS)
Uniform Scheduling of Medicines and Poisons (SUSMP)
United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG Model Regulation)
Australian Dangerous Goods Code (ADG Code)
International Air Transport Association Dangerous Goods

Regulations (IATA DGR)
International Maritime Dangerous Goods (IMDG Code).

Date of revision : 15/04/2024

ACGIH	American Conference of Governmental Industrial Hygienists
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	Chemical Abstracts Service
CLP	Classification, labeling, and packaging
EC	Council of Europe
ECHA	European Chemicals Agency
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonized System of Classification and Labeling of Chemicals
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
IC50	Inhibitory Concern Triton 50%
LC50	Lethal Concentration 50%
LOSO	Median Lethal Dose 50%
MAPROL	International Convention for the Prevention of Pollution from Ships
REACH	Regulation concerning the Registration, Evaluation, Authorization, and Restriction of Chemicals
RID	Regulation for rail international transportation of Dangerous goods
STEL	Short-Term Exposure Limit

Classification

Flam. Liq. 4	H227
Acute Tox. 4 (Oral)	H302
Acute Tox. 4 (Dermal)	H312
Acute Tox. 4 (Inhalation:vapour)	H332
Skin Irrit. 2	H315
Eye Irrit. 2A	H319
STOT SE 3	H335


Full text of H-statements

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 4	Flammable liquids, Category 4
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation

Safety Data Sheet (SDS), Australia

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.

TWA	Time Weighted Average
MAC	Maximum Allowable Concentration
OSHA	Occupational Safety and Health Administration

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NIOSH	National Institute for Occupational Safety and Health
TLV	Threshold Limit Value
TLV-TWA	Threshold Limit Value-Time Weighted Average
TLV-STEL	Threshold Limit Value-Short term Exposure Limit
PC-TWA	Permissible Concentration-Time Weighted Average
PC-STEL	Permissible Concentration-Short Term Exposure Limit
PEL	Permissible Exposure Limit
OELs	Occupational Exposure Limits

The above information is believed to be correct, but we cannot guarantee absolute universality and accuracy, and shall be used only as a guide. The information in this document is based on the present state of our knowledge and applies to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. The above-named manufacturer and its affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

TUV-Laboratory ensures the objectivity and fairness of the test and fulfills the confidentiality obligations of the applicant's information. The applicant is responsible for the authenticity of the submitted samples and information. The results shown in this report relate only to the samples tested. The test results only reflect the evaluation of the sample being tested and are not used for other purposes. TUV-Laboratory shall not be liable for any loss arising from or in connection with this report, contract, tort, regulation or other reasons.

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