

PAR-SEAL

SECTION 1. IDENTIFICATION

Product Identifier PAR-SEAL

Other Means of Identification Floor finish

Product Family Ready to use

Recommended Use Floor finish.

Restrictions on Use For industrial/professional use only.

Manufacturer/Supplier Identifier Groupe Parall Inc.
3492 Av.François-Hughes
Laval, Québec, H7L 5A9
Canada
450-687-6666 or/ou 1-800-661-6660
www.parall.ca

Emergency Phone No. not available

SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015).

Label Elements

This product is not classified as dangerous according to GHS criteria.

Signal Word:

Not applicable

Hazard Statement(s):

Not applicable

Precautionary Statement(s):

Handle with care, avoid splashing.

Wash hands thoroughly after handling.

Other Hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
Diethylene glycol monoethyl ether	111-90-0	3-7	none	Carbitol solvent
TRI(2-BUTOXYETHYL) PHOSPHATE	78-51-3	1-5	none	TBEP

Notes

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Concentrations are expressed in % weight/weight.

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Move to fresh air. Get medical advice or attention if you feel unwell or are concerned. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may require medical supervision for 48 hours.

Skin Contact

Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of water. If skin irritation occurs, get medical advice or attention.

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 or attention.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed otherwise by medical personnel. Consult a doctor if symptoms develop.

Most Important Symptoms and Effects, Acute and Delayed

If on skin: no known significant effects or critical hazards.

If in eyes: no known significant effects or critical hazards.

If inhaled and/or swallowed: no known significant effects or critical hazards.

Immediate Medical Attention and Special Treatment

Target Organs

No further relevant information available.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

If heated, a pressure increase will occur and the container may burst.

In a fire, the following hazardous materials may be generated: very toxic carbon monoxide, carbon dioxide; corrosive phosphorous oxides. and nitrogen oxides.

Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

No further information are available.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

Evacuate the area immediately. Isolate the hazard area. Keep out unnecessary and unprotected personnel. Do not touch damaged containers or spilled product unless wearing appropriate protective equipment. Use the personal

protective equipment recommended in Section 8 of this safety data sheet.

Environmental Precautions

It is good practice to prevent releases into the environment. Do not allow into any sewer, on the ground or into any waterway. Minimize the use of water to prevent environmental contamination. Notify local authorities if significant leaks can not be contained.

Methods and Materials for Containment and Cleaning Up

Small spill: Dilute with water, mop up and rinse with water.

Large Spill: Contain leaks and collect material using absorbent material such as sand, earth, vermiculite, etc. Then place in container for disposal in accordance with local regulations. Rinse with water. Ventilate well.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

It is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling. General Hygiene: When using do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Take off all contaminated clothing and wash it before reuse. Keep the container tightly closed. Avoid inhaling vapours or fumes from this product.

Conditions for Safe Storage

Keep container closed. Avoid freezing, store between 5 and 40 ° C.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL [C]	TWA	Ceiling
Diethylene glycol monoethyl ether	Not established	Not established	Not established	Not established
TRI(2-BUTOXYETHYL) PHOSPHATE	Not established	Not established	Not established	Not established

Consult local authorities for provincial exposure limits.

Appropriate Engineering Controls

General ventilation is usually adequate. Provide eyewash in work area, if contact or splash hazard exists.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Wear protective work clothing wear chemical resistant gloves.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Milky white liquid.
Odour	Characteristic mild odour
Odour Threshold	Not available
pH	~ 8.3
Melting Point/Freezing Point	Not applicable (melting); 0 °C (freezing)
Initial Boiling Point/Range	100 °C
Flash Point	96 °C (closed cup)

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Evaporation Rate	Not available
Flammability (solid, gas)	Not applicable
Upper/Lower Flammability or Explosive Limit	Not applicable (upper); Not applicable (lower)
Vapour Pressure	Not applicable
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.017
Solubility	Dispersible in water; Not available (in other liquids)
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available (kinematic); Not available (dynamic)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

No reactivity test data was located.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

None expected under normal conditions of storage and use.

Conditions to Avoid

Heat. Freezing. High temperature and freezing can compromise the integrity or efficiency of the product.

Incompatible Materials

Treat as water. Do not mix with acids or cationic materials.

Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11. TOXICOLOGICAL INFORMATION

ATE = Acute toxicity estimates. Calculate by Canwrite function as per 5th revised edition of the GHS purple book (Chapter 3.1)

Source: CHEMINFO (toxicological information) CCOHS, 2019.

Likely Routes of Exposure

Inhalation; skin contact; eye contact.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Diethylene glycol monoethyl ether	> 5240 mg/m ³ (rat) (4-hour exposure)	8690 mg/kg (rat)	8415 mg/kg (rabbit)
TRI(2-BUTOXYETHYL) PHOSPHATE	Not available	> 3000 mg/kg (rat)	Not available

Oral ATE_{mix} = 74337mg/kg

Dermal ATE_{mix} = 280500 mg/kg

Skin Corrosion/Irritation

Direct skin contact may cause irritation.

Serious Eye Damage/Irritation

Direct contact may cause mild to moderate irritation.

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STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

Prolonged exposure may cause slight respiratory irritation.

Skin Absorption

No information was located.

Ingestion

No information was located.

Aspiration Hazard

No information was located.

STOT (Specific Target Organ Toxicity) - Repeated Exposure

Not determined.

Respiratory and/or Skin Sensitization

Not determined.

Carcinogenicity

No information was located.

Reproductive Toxicity

Development of Offspring

No information was located.

Sexual Function and Fertility

No information was located.

Effects on or via Lactation

No information was located.

Germ Cell Mutagenicity

No information was located.

Interactive Effects

No information was located.

Other Information

ATE = Acute toxicity estimates.

Calculate by Canwrite function as per purple book GHC (chapter 3.1)

No information was located for: Effects on or via Lactation

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No information was located.

Persistence and Degradability

No information was located.

Bioaccumulative Potential

Low potential for bioaccumulation (BCF < 500).

Mobility in Soil

Studies are not available.

Other Adverse Effects

No known significant effects or critical hazards.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

If this product becomes a waste, it will not exhibit the properties of ignitability, corrosivity, reactivity or environmentally

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persistent toxicity. Material should not be flushed into a sewer system. Dispose of contents and container in accordance with local, regional, national and international regulations. Dispose of or recycle empty containers through an approved waste management facility.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations.

Regulation	UN No.	Proper Shipping Name	Transport Hazard Class(es)	Packing Group
Canadian TDG		Not regulated		

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR). This SDS contains all the information required by the HPR.

Canada

WHMIS 1988 Classification

Not a WHMIS controlled product.

Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)

All ingredients are listed on the DSL or are not required to be listed.

SECTION 16. OTHER INFORMATION

NFPA Rating **Health - 2** **Flammability - 1** **Instability - 0**

SDS Prepared By Groupe Parall Inc. Technical services

Phone No. 450-687-6666

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Key to Abbreviations

LC 50 = Létal concentration
LD 50 = Létal dose
PEL= Permissible exposure limit. (OSHA HCS limit)
TLV = Threshold Limit Value (ACGIH limit)
TWA = Time-Weighted Average
STEL [C] = Short Term Exposure Limit [ceiling]
OSHA = Occupational Safety and Health Administration (United States)
ACGIH® - American Conference of Governmental Industrial Hygienists
AIHA® = AIHA® Guideline Foundation
HSDB® = Hazardous Substances Data Bank
IARC = International Agency for Research on Cancer
NIOSH = National Institute for Occupational Safety and Health
NTP = National Toxicology Program
RTECS® = Registry of Toxic Effects of Chemical Substances
CNESST = Committee on Standards, Equity, Health and Safety at Work (Quebec)

References

_____ manufacturer datasheets
CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).
HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS).
NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS).
Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).

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Disclaimer

The information in this safety data sheet are, to our knowledge, according to our information and belief, accurate at the date of publication. This information is provided as a guide for the safe handling, use, processing, storage, transportation, disposal and disposal of the product, and should not be considered as any guarantee or quality standard. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.