

Printing Date: October 12, 2024

Version No.: 1.0

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1 Identification• **Product identifier**• **Trade name:**GLUE MARKER• **Other means of identification:**

Article No.: GL290

• **Recommended use:**

Consumer uses, drawing

• **Restrictions on use:**

Not available

• **Emergency telephone number and any restrictions on the use of that number:**

Tel: (800) 424-9300

2 Hazard(s) identification• **WHMIS 2015 Classification:**

Not classified under the Hazardous Products Regulations (SOR/2015).

Hazard class	Hazard category
Not applicable	Not applicable

• **Classification system:**

The classification is according to the Workplace Hazardous Materials Information System (WHMIS) and extended by company and literature data.

• **Label elements**• **Labeling according to Workplace Hazardous Materials Information System (WHMIS)**• **Hazard pictograms:**

Not applicable

• **Signal word:**

Not applicable

• **Hazard-determining components of labelling:**

Not applicable

• **Hazard statements:**

Not applicable

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• **Precautionary statement:**

Not applicable

• **Other hazards which do not result in classification****Health hazards not otherwise classified (HHNOC):**

No known otherwise classified health hazards.

Physical hazards not otherwise classified (PHNOC):

No known otherwise classified physical hazards.

3 Composition/information on ingredients• **Chemical characterization:**

Mixture.

• **Description:**

GLUE MARKER.

• **Components:**

CAS No.	Composition Name	w/w, %
25035-69-2	Acrylates copolymer	52
7732-18-5	Water	47
119345-04-9	Tetra propylene diphenyl oxide	0.8
7664-41-7	Ammonia	0.2

4 First aid measures• **Description of first aid measures****After inhalation:**

Supply with fresh air.

Call for doctor/physician if you feel unwell.

After skin contact:

Wash with water.

If there are signs of irritation or other symptoms seek medical attention.

After eye contact:

Rinse cautiously with water.

If eye irritation occurs: Get medical advice/attention.

After swallowing:

Rinse mouth.

Call a POISON CENTER/doctor if you feel unwell.

• **Information for doctor**• **Most important symptoms and effects, both acute and delayed:**

No known symptoms or effects, acute or delayed.

• **Indication of any immediate medical attention and special treatment needed:**

Treatment according to symptoms, no known specific medicine.

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5 Fire-fighting measures**• Suitable extinguishing agents:***Use CO₂, powder, water spray or alcohol resistant foam to extinguish.***• Unsuitable extinguishing media:***No known unsuitable extinguishing media.***• Special hazards arising from the substance or mixture:***No special hazards arising from the chemical.***• Special protective equipment and precaution for firefighters****Protective equipment:***Wear self-contained breathing apparatus for firefighting.***6 Accidental release measures****• Personal precautions, protective equipment and emergency procedures:***Collect the leakage timely.**Ensure adequate ventilation.**Prevent to contact with eyes.***• Environmental precautions:***Do not allow the product to enter sewers/surface or ground water.**Inform respective authorities in case of seepage into water course or sewages system.***• Methods and material for containment and cleaning up:***Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**Ensure well ventilation.**Dispose contaminated material as waster according to item 13.***7 Handling and storage****• Handling****• Precautions for safe handling:***Avoid contact with eyes.***• Information about fire and explosion protection:***Normal measures for preventive fire protection.***• Conditions for safe storage, including any incompatibilities****• Requirements to be met by storerooms and receptacles:***Store in a cool and well-ventilated place.***• Information about storage in one common storage facility:***No further requirements.***• Further information about storage conditions:***No further requirements.***8 Exposure controls/personal protection**

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• Components with limit values that require monitoring at the workplace:

CAS No.	Composition	OSHA PEL	NIOSH REL	ACGIH TLV	Cal/OSHA PEL
7664-41-7	Ammonia	50 ppm (35 mg/m ³) TWA	25 ppm (18 mg/m ³) TWA 35 ppm (27 mg/m ³) REL-STEEL 300 ppm IDLH	-	25 ppm (17 mg/m ³) TWA 35 ppm (27 mg/m ³) PEL-STEEL

• Additional information:

The lists that were valid during the creation were used as basis.

• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure:

• Appropriate engineering controls:

Handle in accordance with good industrial hygiene and safety practice.

Wash hands and face after handling.

See section 7 for information about design of technical facilities.

• Personal protective equipment:

• Breathing equipment:

Not required under normal conditions of use.

For industrial applications, following protection required:

Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

• Protection of hands:

Not required under normal conditions of use.

For industrial applications, following protection required:



Protective gloves

Gloves made from butyl rubber Neoprene™ rubber, nitrile rubber (thickness > 0.11mm; breakthrough times up to 480 minutes).

• Eye protection:

Not required under normal conditions of use.

For industrial applications, following protection required:



Safety glasses

Protective goggles with side-shields.

• Body Protection:

Not required under normal conditions of use.

For industrial applications, following protection required: Gauntlets, boots, bodysuit are recommended.

9 Physical and chemical properties

• Information on basic physical and chemical properties

• Appearance:

Form	Liquid
Color	Colorless

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Odor	Odorless
Odor threshold	Not determined
• pH-value	Not determined
• Change in condition	
Melting point/melting range	Not determined
Boiling point and boiling range	100°C (Water)
• Freezing point	Not determined
• Flash point	>93°C (closed cup)
• Flammability	Not flammable liquid
• Decomposition temperature	Not applicable
• Self-ignition	Not determined
• Danger of explosion	Product dose not present explosive hazard.
• Explosion limits	
Lower:	Not determined
Upper:	Not determined
• Oxidizing properties	Not oxidizing agent
• Vapor pressure	Not determined
• Density	Not determined
• Relative density	Not determined
• Vapor density	Not determined
• Evaporation rate	Not determined
• Solubility in/Miscibility with	
Water	Not determined
• Partition coefficient (n-octanol/water)	Not applicable
• Viscosity	
Dynamic	Not determined
Kinematic	Not determined
• Other information	Not determined

10 Stability and reactivity

• Reactivity:

The product is non-reactive under normal conditions of use, storage and transport.

• Chemical stability:

Stable under recommended storage conditions.

• Possibility of hazardous reactions:

No known hazardous reaction.

• Conditions to avoid:

High temperature.

• Incompatible materials:

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Strong acids and strong oxidizing agents.

• Hazardous decomposition products:

No known hazardous decomposition products.

11 Toxicological information

• Acute toxicity:

Non-toxic chemical.

Species	Effective Dose	Results	Method/Source
119345-04-9 Tetra propylene diphenyl oxide			
Rat	LD50-oral	>2000 mg/kg	ECHA registered dossier.
Rabbit	LD50-dermal	>2000 mg/kg	ECHA registered dossier.

• Primary irritant effect

• Skin corrosion/irritation:

Not irritant to skin.

• Serious eyes damage/ irritation:

Not irritant to eyes.

• Sensitization:

Not sensitive to skin or respiratory.

• Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations.

• Carcinogenic categories

• IARC (International Agency for Research on Cancer):

None of the ingredients is listed.

• NTP (National Toxicology Program):

None of the ingredients is listed.

12 Ecological information

• Toxicity:

Species	Effect dose	Test duration	Value
119345-04-9 Tetra propylene diphenyl oxide			
Rainbow trout	LC50	96h	6.2 mg/L
Daphnia magna	EC50	48h	1.64 mg/L
Selenastrum capricornutum	EC50	21d	>100 mg/L
Selenastrum capricornutum	NOEC	21d	100 mg/L

• Persistence and degradability: No available data.

• Bio-accumulative potential:

CAS	Substance	Log Pow	BCF
119345-04-9	Tetra propylene diphenyl oxide	-2.68	-

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• Mobility in soil:

CAS	Substance	Surface tension (mN/m)	Log Koc
119345-04-9	Tetra propylene diphenyl oxide	37.3 (1000 mg/L, 20°C)	3

• Additional ecological information

• Other adverse effects:

No known other adverse effects.

13 Disposal consideration

• Waste treatment methods

• Recommendation:

Small quantities can be disposed together with household garbage.

Large quantities disposed must be in according to the local regulation.

• Un-cleaned packaging

• Recommendation:

Dispose of contents/container in according to the local regulation.

14 Transport information

• IATA-DGR (65th)	This product is not subject to IMO/IMDG code.
• IMO/IMDG (41-22)	This product is not subject to IATA-DGR.

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture

• Sara

• Section 355 (extremely hazardous substances):

7664-41-7	Ammonia
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• Section 313 (Specific toxic chemical listings):

None of the ingredients is listed.

• TSCA (Toxic Substances Control Act):

25035-69-2	Acrylates copolymer	Listed
7732-18-5	Water	Listed
119345-04-9	Tetra propylene diphenyl oxide	Listed
7664-41-7	Ammonia	Listed

• Proposition 65

• Chemicals known to cause cancer:

None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

• Chemicals known to cause reproductive toxicity for males:

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None of the ingredients is listed.

• Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

• Carcinogenicity categories

• EPA (Environmental Protection Agency):

None of the ingredients is listed.

• TLV (Threshold Limit Value established by ACGIH):

None of the ingredients is listed.

• NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients is listed.

• OSHA-Ca (Occupational Safety & Health Administration):

None of the ingredients is listed.

16 Other information

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The contents and format of this SDS are in accordance with Canada Hazardous Products Regulations (SOR/2015) (WHMIS 2015).

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

• Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

PEL: Permissible Exposure Limit

TLV: Threshold limit value

REL: Recommended Exposure Limit

Key literature references and sources for data:

<https://www.canada.ca/>

Agency for Toxic Substances and Disease Registry (ATSDR)

U.S. Environmental Protection Agency ChemView Database

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End of safety data sheet