

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

Version:2.0

Issue Date:25.03.2019

Promast Eco Marine Glue

Form Number: 41018-EN

Revision Date: 07.06.2023

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name Promast Eco Marine Glue**SDS No:** 41018-EN

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

Identified uses: Adhesive.**Uses advised against:** No specific uses advised against are identified.

1.3 Details Of The Supplier Of The Safety Data Sheet

Supplier : PROMAST KIMYA SAN. TIC. A.Ş.**Address – Factory:** Ovacık Mah. Hacıoğlu Sok. No:21B Kullar Mevkii 41140
Başiskele-Kocaeli/Türkiye
Tel: +90 262 335 41 82**Information Providing
Authority About Safety
Data Sheet** Pelin KAHRAMAN – pelin.kahraman@urban.com.tr

1.4 Emergency Telephone Number

Company Emergency: +90 262 335 41 82

2. HAZARDS IDENTIFICATION

2.1 Classification Of The Product

2.1.1 Classification According to Regulation (EC) No 1272/2008

Physical hazards Not Classified**Health hazards** Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351**Environmental hazards** Not Classified

2.2 Label Elements

2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP₁/GHS₂]

Hazard Pictograms

**Signal Word** Danger

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Hazard Statements

*H317 May cause an allergic skin reaction.**H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.**H351 Suspected of causing cancer.*

Precautionary Statements

*P261 Avoid breathing vapour/ spray.**P272 Contaminated work clothing should not be allowed out of the workplace.**P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.**P302+P352 IF ON SKIN: Wash with plenty of water.**P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.**P308+P313 IF exposed or concerned: Get medical advice/ attention.**P321 Specific treatment (see medical advice on this label).**P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.**P405 Store locked up.**P501 Dispose of contents/ container in accordance with national regulations.***Contains** 4,4'-methylenediphenyl diisocyanate, benzoyl chloride

2.3 Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Mixture:

Ingredient name	EC number	CAS number	% w/w	Hazard statement
4,4'-methylenediphenyl diisocyanate	202-966-0	101-68-8	1-5	Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373

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benzoyl chloride	202-710-8	98-88-4	<1	Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Corr. 1B - H314 Skin Sens. 1 - H317
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3.2 Additional information:

For the full text of the H-statements mentioned in this section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

4.1.2 Following inhalation

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Rinse nose and mouth with water. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

4.1.3 Following skin contact

It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.

4.1.4 Following eye contact

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

4.1.5 Following ingestion

Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

General information: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation: May cause sensitisation or allergic reactions in sensitive individuals.

Prolonged or repeated exposure may cause the following adverse effects: Suspected of causing cancer.

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Ingestion: May cause sensitisation or allergic reactions in sensitive individuals. Prolonged or repeated exposure may cause the following adverse effects: Suspected of causing cancer.

Skin contact: May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged or repeated exposure may cause the following adverse effects: Suspected of causing cancer.

Eye contact: No specific symptoms known. May be slightly irritating to eyes.

5. FIRE-FIGHTING MEASURES

5.1 General Information and Flammable Properties:

Extinguishing media: The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the product

Containers can burst violently or explode when heated, due to excessive pressure build-up. Thermal decomposition or combustion products may include the following substances:

Harmful gases or vapours.

5.3 Advice for fire-fighters:

Fire Fighting Instructions

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Protective Equipment For Fire-Fighting Personnel

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Avoid inhalation of dust and vapours. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes.

6.2 Environmental Precautions

Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

6.3 Methods and Material For Containment and Cleaning Up

6.3.1 For Cleaning Up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

7.1 Precautions For Safe Handling

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs.

Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Suspected of causing cancer. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2 Conditions For Safe Storage, Including Any Incompatibilities

Storage conditions

Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class Chemical storage.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure Limits

No data available.

4,4'-methylenediphenyl diisocyanate

Long-term exposure limit (8-hour TWA): ACGIH 0.005 ppm

Long-term exposure limit (8-hour TWA): OSHA 0.02 ppm 0.2 mg/m³

ACGIH = American Conference of Governmental Industrial Hygienists.

OSHA = Occupational Safety and Health Administration.

DNEL

Workers - Dermal; Short term systemic effects: 50 mg/kg/day

Workers - Inhalation; Short term systemic effects: 0,1 mg/m³

Workers - Dermal; Short term local effects: 28,7 mg/cm²

Workers - Inhalation; Short term local effects: 0,1 mg/m³

Workers - Inhalation; Long term systemic effects: 0,05 mg/m³

Workers - Inhalation; Long term local effects: 0,05 mg/m³

General population - Dermal; Short term systemic effects: 25 mg/kg/day

General population - Inhalation; Short term systemic effects: 0,05 mg/m³

General population - Oral; Short term systemic effects: 20 mg/kg/day

General population - Dermal; Short term local effects: 17,2 mg/cm²

General population - Inhalation; Short term local effects: 0,05 mg/m³

General population - Inhalation; Long term systemic effects: 0,025 mg/m³

General population - Inhalation; Long term local effects: 0,025 mg/m³

PNEC

Fresh water; >1 mg/l

marine water; >0,1 mg/l

Soil; >1 mg/kg

STP; >1 mg/l

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8.2. Personal Protection Equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacture, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

May cause skin sensitisation or allergic reactions in sensitive individuals. Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiratory protection Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14387. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

Environmental exposure controls

Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form/Physical State:	Liquid
Color:	Honey-colored
Odor:	No data available
pH:	No data available
Melting Point / Freezing Point (°C) 760 mmHg	No data available
Boiling point/range(°C):	No data available
Vapour pressure Pa(<1.00x10 ⁻¹⁰ mmHg)@ 20°C:	No data available
Density :	No data available
Flash Point °C:	No data available
Flame Point °C:	No data available
Vapor Density (Air=1):	No data available
Vaporization rate:	No data available
Viscosity:	4000-8000 cps
Solidification point/range, °C:	No data available
Solubility in water g/l @20 °C:	No data available
Explosive Property:	No data available
Oxidation Property:	No data available
Açıklamalar:	No data available

9.2 Other information

None

10. STABILITY AND REACTIVITY

10.1 Reactivity

There are no known reactivity hazards associated with this product.

10.2 Chemical Stability

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3 Possibility of Hazardous Reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to Avoid

No data available.

10.5 Incompatible Materials

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No data available.

10.6 Hazardous Decomposition Products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity

Based on available data the classification criteria are not met.

ATE inhalation (vapours mg/l) 2,750.0

Skin Corrosion/Irritation

Based on available data the classification criteria are not met.

Eye Damage/Irritation

Based on available data the classification criteria are not met.

Respiratory Sensitization

There is evidence that the product can cause respiratory hypersensitivity.

Skin sensitisation

May cause skin sensitisation or allergic reactions in sensitive individuals.

Germ Cell Mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Suspected of causing cancer.

Reproductive Toxicity

Based on available data the classification criteria are not met.

Specific Target Organ Toxicity- Single Exposure

Not classified as a specific target organ toxicant after a single exposure.

Specific Target Organ Toxicity- Repeated Exposure

Not classified as a specific target organ toxicant after repeated exposure.

Aspiration Hazard

No data available.

General information May cause cancer after repeated exposure. Risk of cancer depends on duration and level of exposure. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

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Inhalation May cause sensitisation or allergic reactions in sensitive individuals.

Ingestion May cause sensitisation or allergic reactions in sensitive individuals.

Skin contact May cause skin sensitisation or allergic reactions in sensitive individuals.

Eye contact No specific symptoms known.

Route of entry Ingestion Inhalation Skin and/or eye contact

Target organs No specific target organs known.

Medical considerations Skin disorders and allergies.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.2 Toxicity

Based on available data the classification criteria are not met.

12.3 Persistence and degradability

The degradability of the product is not known.

12.4. Bioaccumulative potential

No data available on bioaccumulation.

12.5 Mobility:

No data available.

12.6 Results of PBT and vPvB Assessment:

This product does not contain any substances classified as PBT or vPvB.

12.7 Additional Information

Other adverse effects: None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods

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Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

14. TRANSPORT INFORMATION

General: The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not relevant

Annex II of MARPOL 73/78

and the IBC Code

15. REGULATORY INFORMATION

15.1 Chemical Safety Assessment

15.1.1 Hazard

The Safety Data Sheet is compiled according to the current European requirements.
Regulation

(EC) No 1907/2006 (REACH)

CLP classification according to Annex VI of CLP (Regulation (EC) No 1272/2008)

This substance is classified as not hazardous according to regulation (EC) 1272/2008

15.2 International Regulations

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This safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008/EC and 11014:2009.

16. OTHER INFORMATION

16.1 Other Information

For additional information regarding **Promast** products please contact the **PROMAST Kimya San. Tic. A.Ş** Pelin KAHRAMAN- pelin.kahraman@urban.com.tr

In all cases of potential poisoning supportive therapy is of the it most importance.

16.2 Related Person

Prepared by: Pelin KAHRAMAN (pelin@urbantmgd.com.tr)

Expert Accreditation No: **TÜRKAK KDU 01.11.06 / 14.12.2019-14.12.2024**

0216 365 64 16

16.2.1 Contact Person

Mete Atakan AKMAN – mete.akman@sls.com.tr

16.3 Revision Date

07.06.2023

16.4 SDS No

41018-EN

16.5 Revision Version

2.0

16.6 Relevant H- and EUH-phrases(number and full text)

Hazard Statements

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

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H351 Suspected of causing cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

16.8 Legal Disclaimer

- *The purpose of the above information is to describe the products only in terms of health and safety requirements.*
- *The information given should not, therefore, be construed as guaranteeing specific properties or as specification.*
- *Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.*
- *The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.*
- *The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.*
- *The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.*

¹ SDS: Safety Data Sheet

² CLP: Classification, Labelling and Packaging of Substances and Mixtures

³ GHS: Global Harmonised System

⁴ NIOSH: The National Institute for Occupational Safety and Health

⁵ CEN: Comite Europeen de Normalisation

⁶ NTP: National Toxicology Program

⁷ IARC: The International Agency for Research on Cancer

⁸ OSHA : Occupational Safety and Health Association

⁹ EWC : European Waste Katalog

¹⁰ ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

¹¹ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

¹² ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

¹³ IMDG: International Maritime Code for Dangerous Goods

¹⁴ ICAO: International Civil Aviation Organization

¹⁵ IATA: International Air Transport Association

¹⁶ TWA: Time Weighted Average

¹⁷ PEL: Permissible Exposure Limit

¹⁸ PNEC: Predicted No Effect Concentration

¹⁹ OEL: Occupational exposure limit