

Safety Data Sheet

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

Version : 1.0
Form No : 27

Print Date : 01.01.2022
Revision Date : -

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

1.1. Product Identifier

Mixture Name : Seal & Bond 725

Product GBF No : PMP-725

1.2. Relevant Identified Uses Of The Product And Uses Advised Against

Relevant Identified Uses : is a single component polyurethane low modul joint sealant with high mechanical and chemical resistance, tensile, tear and abrasion resistance. Preserve its elastic form and curing with air humidity.

Uses Advised Against : See chapter 16 for a general overview.

1.3. Details Of The Supplier Of The Safety Data Sheet

Supplier : PROMAST KİMYA SAN. TİC. A.Ş.

Address – Factory : Ovacık Mh. Hacıoğlu Sk. No:21 B/0 41140
Başiskele KOCAELİ | TURKEY

Telephone : 00 90 262 335 41 82

Fax : 00 90 262 335 41 83

1.4. Information Providing Authority About Safety Data Sheet

Simge KARACAL simge.karacal@promast.com.tr
Telephone : 00 90 262 335 41 82
Fax : 00 90 262 335 41 83

1.5. Emergency Telephone Number

Poisons Information Center, Australia : 13 11 26
National Poison Service Center (UZEM) : 114
Company Emergency : 00 90 322 346 59 56

2. HAZARDS IDENTIFICATION

2.1. Classification Of The Product

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

Skin irritation, Category 2; H315

Respiratory Sensitization, Category 1; H334

2.2. Label Elements

2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP/GHS]

Product Identifier

Hazard Component for Labeling

4,4'-methylenediphenyl diisocyanate, Xylene

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Hazard Pictograms

Danger :



Signal Word

Danger

Hazard Statement(s)

- H315** : Causes skin irritation.
H334 : May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.

Precautionary Statement(s)

General

-

Prevention

- P210** : Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 : Keep container tightly closed.
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 : Wash thoroughly after handling.
P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P285 : In case of inadequate ventilation wear respiratory protection.

Response

- P310** : Immediately call a POISON CENTER/doctor /
P314 : Get medical advice / attention if you feel unwell.
P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302+P352 : IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353 : IF ON SKIN(or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower).
P304+P341 : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P332+P313 : If skin irritation occurs: Get medical advice/ attention.
P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.
P342+P311 : If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
P362 : Take off contaminated clothing and wash before reuse.

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P363 : Wash contaminated clothing before reuse.
P370+P378 : In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.

Storage

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

Disposal

P501 : Dispose of contents/container to ...

2.3. Hazard Identification

No data available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Description Of The Substance

Name	EINECS NO	CAS NO	CONTENT %
4,4'-methylenediphenyl diisocyanate	202-966-0	101-68-8	0,1-0,3
1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich	271-090-9	68515-48-0	10-20
Xylene	215-535-7	1330-20-7	0- <7

4. FIRST AID MEASURES

4.1. Description of first aid measures

4.1.1. General information

Consult a physician. Show this safety data sheet to the doctor in attendance.

4.1.2. Following inhalation

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

4.1.3. Following skin contact

Wash off with soap and plenty of water. Consult a physician.

4.1.4. Following eye contact

Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

4.1.5. Following ingestion

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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4.1.6. Self-protection of the first aider

Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. See section 8 for more information. Avoid breathing dust/fume/gas/mist/vapors/spray.

4.1.7. Notes for the doctor

Unlikely to be required but if necessary treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1. Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture:

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.3. Unsuitable extinguishing media

No data available.

5.4. Special hazards arising from the product

Carbon oxides

5.5. Advice for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.6. Additional information

Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment And Emergency Procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

6.2. Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4. Other Information:

Comply with local regulations. Refer to protective measures listed in Sections 7 and 8.

6.5. Reference to other sections

Dispose of contaminated material as waste in accordance with section 13.

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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Smoking, eating and drinking should be prohibited in the application area.

7.2. Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store in accordance with local regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Components with workplace control parameters

Component	EINECS NO	CAS-NO	Value Type (form of exposure)	Control Parameters / Permissible Concentration	Basis
Xylene	215-535-7	1330-20-7	STEL	150 ppm 655 mg/m ³	AU OEL
			TWA	80 ppm 350 mg/m ³	AU OEL
4,4'-methylenediphenyl diisocyanate	202-966-0	101-68-8	TWA	0.02 mg/m ³ (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser				
			STEL	0.07 mg/m ³ (NCO)	AU OEL
	Further information: Category 2 (Carc. 2) Suspected human carcinogen, Sensitiser				

8.1.1. Occupational exposure limits:

No data available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands and face before breaks and at the end of workday.

8.2.2. Personal protective equipment

8.2.2.1. Eye / Face protection:

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

8.2.2.2. Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.

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Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Other Protection

Handle in accordance with good industrial hygiene and safety practice.

8.2.2.3. Respiratory protection

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

8.2.3. Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	No data available
Colour	White, Grey
Odour	No data available
Odour Threshold	No data available
pH	No data available
Melting point/Freezing point (°C)	No data available
Initial boiling point and boiling range (°C)	No data available
Flash point (closed cup) (°C)	>60 °C
Auto-ignition temperature (°C)	No data available
Evaporation rate	No data available
Density g/cm ³ @ 23°C	1.30 ± 0,05
Viscosity @ 23°C (cp)	No data available
Note: The above features were determined according to prescribed methods at the Classification, Packaging and Labeling of Hazardous. Substances Regulation Section A-3 or a method comparable to the other.	

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

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No data available

10.4. Conditions to avoid

Excessive heat.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Other decomposition products - No data available

11. TOXICOLOGICAL INFORMATION

11.1. General Information

Based on the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

11.2. Acute toxicity

No data available

11.3. Skin corrosion/irritation and eye damage/eye irritation

Causes skin irritation. Harmful in contact with skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.

11.4. CMR effects (Carcinogenicity):

Suspected of causing cancer .

11.5. CMR effects (Mutagenicity and Toxicity for reproduction) :

No data available

11.6. Other Toxicological Effects:

Allergic Effects : No data available

Effects on Repeated Doses

Chronic Exposures : No data available

Sensitization : No data available

Developmental Toxicity : No data available

Fertility : No data available

11.7. STOT-single/repeated exposures:

STOT-single exposure : No data available

STOT-repeated exposure : No data available

11.8. Symptoms related to the physical, chemical and toxicological characteristics:

In case of inhalation	Harmful if inhaled.
In case of skin contact	Causes skin irritation. Harmful in contact with skin.
In case of eye contact	No data available
In case of ingestion	No data available

11.9. Additional Toxicological Information:

No data available

12. ECOLOGICAL INFORMATION

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- 12.1. Ecotoxicity** : No data available
12.2. Photo degradation : No data available
12.3. Effects on Waste Water Treatment Plants : No data available
12.4. Mobility : No data available
12.5. Results of PBT and vPvB assessment:

Biotic:	
Ready biodegradability:	No data available
Abiotic:	
Hydrolysis as a function of pH:	No data available
Photolysis:	No data available
Atmospheric oxidation:	No data available

Persistence and degradability:

- Decomposition Potential of the products : No data available
 The half-life of degradation : No data available
 Potential degradation of product content in the evaluation of wastewater treatment plants : No data available

Bioaccumulation Potential :

- Biological environment (biota) accumulation potential : No data available
 Potential - nutrients pass through : No data available

12.6. Additional information

No data available

13. DISPOSAL CONSIDERATIONS

13.1. Product / Packaging disposal

The product should not be allowed to enter drains, water courses or the soil.
 Do not contaminate ponds, waterways or ditches with chemical or used container.

Disposal according to local authority regulations.

Contact waste disposal services.

13.2. Contaminated packaging

If there is product residue in the emptied container, follow directions for handling on the container's label.

Contaminated packaging must be emptied of all residues and can be recycled following appropriate cleaning..

13.3. Disposal Methods

Dispose of chemicals waste or in accordance with local regulations.

Follow all applicable local laws, rules and regulations regarding the proper disposal of this material.

If this product has been altered or contaminated with other hazardous materials, appropriate waste analysis may be necessary to determine proper method for disposal

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13.4. European Waste Catalogue

The final classification has to be done together with the local waste disposal company /authority.

14. TRANSPORT INFORMATION

	ADR/RID	ADNR	IMDG	ICAO/IATA
TRANSPORTATION	Road	River	Marine	Airways
	Not Regulated	Not Regulated	Not Regulated	Not Regulated

15. REGULATORY INFORMATION

15.1. Safety, Health And Environmental Regulations / Legislation Specific For The Substance

None of the ingredients is found on the regulatory lists.

15.2. Chemical Safety Assessment:

No data available

15.2.1. Hazard

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

Skin irritation, Category 2; H315

Respiratory Sensitization, Category 1; H334

Skin Sensitization, Category 1; H317

Serious eye damage/eye irritation, Category 1; H318

15.3. International Regulations

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 and ISO 11014:2009. This product is classified according to EU Directive GHS/CLP.

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16.4. Reason of re-issue

Compling according to Regulation (EC) No 1272/2008.

16.5. Relevant H- and EUH-phrases (number and full text):

- H312** : Harmful in contact with skin.
- H319** : Causes serious eye irritation
- H332** : Harmful if inhaled.
- H335** : May cause respiratory irritation.
- H351** : Suspected of causing cancer.
- H373** : May cause damage to organs through prolonged or repeated exposure.

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.

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ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
ADNR: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association
TWA: Time weighted average
PEL: Permissible Exposure Limit