

SAFETY DATA SHEET

According to Regulation on the preparation of safety information forms for hazardous substances and mixtures (Date:13.12.2014 and No:29204)

Substance/Mixture Name: CK PROOF POLYUREA PR (A COMPONENT)

Print Date: 15.10.2019

Revision Date: -

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1. Identification of substance/preparation and the company/undertaking

1.1. Identification of Product

Product Name : CK PROOF POLYUREA PR (A COMPONENT)

Chemical Name : MDI Prepolymer

1.2. Relevant identified uses of the substance or mixture and uses advised against

Industrial Application

1.3. Details of the supplier of the safety data sheet

Caran Kimya San. Ve Tic. Ltd. Şti.

Head Office

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1.4. Emergancy Telephone Number

International emergency

Telephone : 0049 180 2273-112

2. Hazards Identification

2.1. Classification of the substance or mixture

According to Regulation on the preparation of safety information forms for hazardous substances and mixtures (Date:13.12.2014 and No:29204) classified as below.

Carcinogenicity, Category 2; H351

Acute Toxicity, Category 4; H332

Skin irritation, Category 2; H315

Eye irritation, Category 2; H319

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Respiratory sensitization, Category 1; H334

Skin sensitization, Category 1; H317

STOT Single Exposure, Category 2; H335

STOT Repeated Exposure, Category 2; H373

2.2. Label Elements



DANGER

H332	Harmful if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H317	May cause an allergic skin reaction.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure
H351	Suspected of causing cancer.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/ spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation, wear respiratory protection.
P314	Get medical advice/attention if you feel unwell.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/ attention.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340	IF INHALED:Remove person to fresh air and keep
P308+P313	IF exposed or concerned: Get medical advice/attention.
P321	Specific treatment (see ... on this label).

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P362	Take off contaminated clothing.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to ...

2.3. Other hazards

Result of PBT and vPvB assessment : No data available.

3. Composition/Information on Ingredients

3.1. Substances

-

3.2. Mixtures

NAME	EINECS NO	CAS NO.	CONTENT %	CLASSIFICATION
				CLP
<i>Poly (oxy(methyle-1,2ethanadyll) alfa hydro omega hydrixy polymer and 1,1' methylenebis (isocyanatebenzene) mixture</i>	-	-	60-100	Carcinogenicity, Category 2; H351 Acute toxicity, Category 4, inhalation; H332 Specific Target Organ Toxicity (repeated exposure), Category 2; H373 Eye irritation, Category 2; H319 Specific Target Organ Toxicity (single exposure), Category 3; H335 Skin irritation, Category 2; H315 Respiratory sensitisation, Category 1; H334 Skin sensitisation, Category 1; H317
<i>4,4'-methylenediphenyldiisocyanate</i>	-	-	0-40	Carcinogenicity, Category 2; H351 Acute toxicity, Category 4, inhalation; H332 Specific Target Organ Toxicity (repeated exposure), Category 2; H373 Eye irritation, Category 2; H319 Specific Target Organ Toxicity (single exposure), Category 3; H335 Skin irritation, Category 2; H315 Respiratory sensitisation, Category 1; H334 Skin sensitisation, Category 1; H317

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4. First Aid Measures

4.1. Description of first aid measures

Eye contact

Check for and remove any contact lenses. Rinse out with water with the eyelid held wide open. Get medical attention if irritation persists.

Skin contact

Remove contaminated clothing. Immediately flush skin with large amounts of water, and follow by washing with soap and water if available. Get medical attention if irritation persists.

Ingestion

Rinse out mouth and make victim drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting unless directed to do so by medical personnel; call for medical help.

Inhalation

Remove from exposure. Keep warm and at rest and provide fresh air. Get medical attention if irritation persists.

4.2. Most important symptoms and effects, both acute and delayed

No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No data available.

5. Fire Fighting Measures

5.1. Extinguishing media

Water spray, dry extinguishing media, foam, CO₂

5.2. Special hazards arising from the substance or mixture

Incomplete combustion may form carbon monoxide. Development of hazardous combustion gases or vapors possible in the event of fire. Downwind personnel must be evacuated.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing in case of fire. Avoid breathing fire mists/vapors.

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6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep unnecessary and unprotected personnel from entering. Wear appropriate personal protective equipment as described in Section 8. Follow the advice for safe handling and use given in Section 7.

6.2. Environmental protection measures

Do not empty into drains and sewers. Keep from entering to water and ground water systems. Contain spillage where possible and safe to do so. Inform appropriate authority in case of accidental contamination of watercourses or drains.

6.3. Methods and material for containment and cleaning up

Absorb the material with an inert absorbent and put in an appropriate waste disposal container for proper disposal.

6.4. Reference to other sections

Review safety handling information in Section 7, personal protection measures in Section 8 and disposal measures in Section 13.

7. Handling and Storage

7.1. Precautions for safe handling

Protective measures: Provide adequate ventilation. Provide local exhaust or general room ventilation to minimize vapor concentrations. Avoid contact with skin, eye and clothing.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing prior to re-use. Remove all contaminated clothing and footwear.

7.2. Conditions for safe storage, including any incompatibilities

Store in original package in a dry, cool and well-ventilated place. Keep the containers tightly closed. Keep away from ignition sources and UV lights / sunlight.

7.3. Specific end uses

No further relevant information available.

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8. Exposure Controls/Personal Protection

8.1. Control parameters

Engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Occupational exposure limits

No data available.

8.2. Exposure controls

Personal protective equipment



Eye/Face Protection:

Wear safety glasses with side shields suitable with EN 166 standard.

Hand Protection:

Wear butyl gloves with EN 374 standard.

Respiratory Protection:

Avoid breathing vapors. Use suitable respiratory mask.

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

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Environmental exposure controls

Attempt to stop leakage without personal risk. Should not be released into the environment.

Prevent product from entering drains.

9. Physical and Chemical Properties

9.1. General Information

Appearance	: Liquid
Odor	: No data available.
Density (g/ml , 20 °C)	: 1kg/m ³
pH (20 °C)	: 9
Boiling Point(°C)	: No data available.
Flash Point(°C)	: No data available.
Freezing Point(°C)	: No data available.
Solubility in Water	: No data available.
Viscosity(cPs)	: No data available.

9.2. Other information

No additional information available.

10. Stability and Reactivity

10.1. Reactivity

The product is not reactive under recommended storage and handling conditions.

10.2. Chemical stability

The product is stable under recommended storage and handling conditions.

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10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

11. Toxicological Information

11.1. Information on toxicological effects

Acute toxicity

No data available.

Skin and eye corrosion/irritation

Causes skin and eye irritation.

Sensitization

Causes skin and eye sensitization.

Carcinogenicity, Mutagenicity

Suspected of causing cancer.

Reproductive toxicity

No data available

Teratogenicity

No data available

Specific target organ toxicity (single exposure)

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May cause respiratory irritation.

Specific target organ toxicity (repeated exposure)

May cause damage to organs through prolonged or repeated exposure.

12. Ecological Information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

13. Disposal Considerations

13.1. Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Disposal should be in accordance with applicable regional, national and local laws and regulations. Consult the local waste contractor and the local authority about the best way of handling the products.

European waste catalogue (EWC)

According to the European Waste Catalogue, waste codes are not product specific, but application specific. Waste codes should be assigned by the user.

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Contaminated packaging

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

14. Transport Information

14.1. General information

The product is not regulated dangerous under UN ADR/RID, ADNR, IMDG and IATA lists.

14.2. UN number

Not relevant

14.3. UN proper shipping name

Not relevant

14.4. Transport hazard class(es)

Not relevant

14.5. Packing group

Not relevant

14.6. Environmental hazards

Not relevant

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not relevant

15. Regulatory Information

15.1. Safety, health and environmental regulations specific for the substance or mixture

- Regulation on the preparation of safety information forms for hazardous substances and mixtures (Date:13.12.2014 and No:29204)
- Regulation (EC) No 1907/2006, (REACH),
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006,
- Council Directive 67/548/EEC, (DSD),

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- Regulation (EC) No 1272/2008 (CLP),
- Commission Directive 2006/15/EC,
- Commission Directive 2000/39/EC
- Council Directive 91/689/EEC,
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

16. Other Information

n.d.a.: no data available

n.a.: not applicable

PNEC: Predicted no effect concentration

DNEL: Derived no effect concentration

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet., for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

Responsible:

Name, Surname : Bahar Aydemir

Contact Information :

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Certificate Document No : 01.122.02

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