



SAFETY DATA SHEET

It has been prepared in accordance with the provisions of the "Regulation on Safety Data Sheets Concerning Harmful Substances and Mixtures" of the Ministry of Environment and Urbanization, dated 13 February 2024 and numbered 29204.

Preparation Date: March 2024

Revision Date: - Revision No: 00

1. Identity of the substance/mixture and company/distributor

1.1. Identity of substance Mixture

Trade name: Nexfix General Purpose Polyurethane Foam 600 gr

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

1.2.1. Relevant Identified Uses

Filling gaps surrounding door and window frames. Filling penetration gaps of pipes belonging to gas, water, electricity etc. installations. Filling of holes, cracks and gaps in buildings for insulation purposes. Installation applications for panels, tables, air conditioners, ventilation ducts, etc.

Not Recommended Used No identifying information.

MANUFACTURER: EFECE YAPI KİMYASALLARI ALÜMİNYUM TİC VE SAN.LTD.ŞTİ

FABRİKA ADRES: Altınkale mah. 4030 sk no 10/A-B Döşemealtı-ANTALYA

MERKEZ OFİS: Ferhatpaşa MH 77 sk. No:39 Ataşehir-İSTANBUL

1. Hazard identification

1.1. Classification of substance and mixture

Physical Harm

GHS02 Flame

Aerosol, Category 1

H222-H229 Extremely flammable aerosol.

Pressurized container: May explode if heated.

Hazard to Health

GHS08 Danger

Respiratory Sensitization, Category 1 H334 If inhaled, breathing difficulties, asthma attacks or cause allergies.

Carcinogen, Category 2

H351 Suspected of causing cancer.

STOT, Category 2

H373 Through prolonged or repeated exposure

can cause damage to organs.

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GHS07 Attention

Skin Corrosion/Irritation, Category 2 H315 Causes skin irritation.

Skin Sensitization, Category 1 H317 Causes an allergic skin reaction.

Serious Eye Damage/Eye Irritation, Category 2 H319 Causes serious eye irritation.

STOT Category 3

H335 May cause respiratory irritation.

Environmental Hazard

Not classified.

1.1. Label elements

1.2. GHS Markings



GHS02

Word of warning Danger



GHS07



GHS08

Hazard Statements

H222: Extremely flammable aerosol.

H229: Pressurized container: May explode if heated. H315: Causes skin irritation.

H317: Causes an allergic skin reaction. H319: Causes serious eye irritation.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory tract irritation.

H351: Suspected of causing cancer.

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

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Precautionary Statements

- Hazard

P201: Read special instructions before use.

P202: Do not handle until all precautionary statements have been read and understood.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P211: Do not spray towards flames or other sources of ignition. P251: Pressure vessel: Do not pierce or incinerate, even after use. P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P271: Use only outdoors or in a well-ventilated area.

P272: Do not take contaminated clothing out of the workplace.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P281: Use personal protective equipment.

P285: In case of insufficient ventilation wear respiratory protection.

- Intervention

P312: If you feel unwell, call a POISON CENTER 114 or doctor/physician.

P314: Get medical advice/attention if you feel unwell.

P321: Special attention required (see label)

P362: Take off contaminated clothing and wash before reuse.

P363: Wash contaminated clothing before reuse.

P302+P352: IF ON SKIN: Wash with plenty of soap and water.

P304+P340: IF INHALED: Move victim to fresh air and keep in a position comfortable for breathing.

P304+P341: IF INHALED: If breathing is difficult, move victim to fresh air and keep in a position comfortable for breathing.

P308+P313: IF exposed or concerned: Get medical advice/attention.

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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 respiratory symptoms: Call a POISON CENTER 114 or doctor/physician.

Storage

- P405: Store locked up.
- P403+P233: Store in a well-ventilated area. Keep container tightly closed.
- P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.

Disposal

3.1. P501: Dispose of contents/container in accordance with national regulations.

3.2. 1.3. Other damages

3.3. This mixture is persistent, bioaccumulative and contains no toxic substances (PBT).

3.4. This mixture is very persistent and contains no highly bioaccumulative substances (vPvB).

3.5.

3.6. 3) Composition/Information on Ingredients

3.7. 3.1. Substances

Not applicable.

3.8. 3.2. Mixtures

Item Name	EC No	Cas No	%	Classification	
				Hazard Statement Code	Hazard Class and Category
Polymethylene polyphenyl polyisocyanate	618-498-9	9016-89-9	20-50	H315	Skin Corrosion/Irritation, 2
				H317	Sensitivity -Skin, 1
				H319	Eye Damage, 2
				H332	Acute Toxicity, 4
				H334	precision. Inhalation, 1
				H335	STOT Breathing, 3
				H351	carcinogen, 2
				H373	BHOT, 2
Bütan	203-448-7	106-97-8	<10	H220	Flammable Gas, 1
Dme	204,065-8	115-10-5	<10	H220	Flammable Gas, 1



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İzobütan	200-857-2	75-28-5	<10	H220	Flammable Gas, 1
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Propan	200-827-9	74-98-6	<10	H220	Flammable Gas, 1
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3) First aid measures

3.1. Description of first aid measures

After inhalation: Provide fresh air, provide breathing aid if necessary, warm should be kept.

If the complaints persist, a doctor should be consulted.

After skin contact: Remains of uncured foam similar to natural concentrated ethanol

can be cleaned using solvents (avoid contact with eyes). The hardened foam is washed with soap and removed by rinsing with plenty of water. If irritation is observed, cream is applied to the irritated area.

After contact with eyes: Rinse eyes with open eyelids under running water for a few minutes and seek medical advice.

3.9. After swallowing: Do not induce vomiting, call a doctor immediately. Rinse your mouth and

3.10. drink plenty of water.

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

No other important information is available.

3.2. Indication of need for medical attention and special treatment

No further important information available

5.2. 3) Fire-fighting measures 5.1. Fire extinguishers

5.3. Suitable extinguishers: Water spray, dry chemical powder, carbon dioxide.

5.4. Unsuitable extinguishing media: Do not use high pressure water jet.

5.5. 5.2. Special hazards arising from the substance or mixture

5.6. May form explosive gas-air combinations.

5.7. May form toxic gases in case of overheating or fire.

5.8. Advice for firefighters

Özel Yangınla Mücadele Prosedürleri

Yangın yerine yakın kaplar hemen başka bir yere götürülmeli veya suyla soğutulmalıdır. Yangına maruz kalan kapları soğutmak ve buharları dağıtmak için su kullanın. Yangın buharlarını solumaktan kaçının. Herhangi bir tehlike olmadan yapılması mümkünse kabı yangın alanından çıkarın. Yeniden yangın çıkma tehlikesi olduğunu unutmayın. Etrafına set çekerek yangını söndüren suları toplayın.

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Protective Equipment for Fire Fighters

Protective face mask, protective gloves and safety helmet. In case of fire use self-contained breathing apparatus and full protective clothing.

- 3.11. 3) Measures against accidental release
- 3.12. 3.1. Personal precautions, protective equipment and emergency procedures
- 3.13. Do not approach igniting objects. Wear personal protective clothing.
- 3.14. Do not breathe the resulting aerosols. Provide adequate ventilation.
- 3.15.

- 3.16. Environmental precautions

- 3.17. Avoid mixing with sewer/Surface water/Ground water. Methods and materials for containment and cleaning up
- 3.18. Uncured foam adheres easily, so clean it carefully. Remove foam residues immediately with a piece of cloth and a concentrated solvent such as ethanol. Cured foam can be mechanically removed and polished. Dispose of the contaminated material as garbage according to item 13.

References to other sections

For appropriate personal protective equipment, please follow the recommended protective procedures in Section 8. For waste disposal, please see the recommendations in Chapter 13.

4) Handling and storage

4.1. Precautions for safe handling

Ensure that the working place is well ventilated / well-ventilated. Exercise caution when opening, carrying or placing containers on the floor. Do not pierce or burn, even after use. Use in accordance with the instructions on the label. Do not mix with other chemical products.

Warnings for protection from fire and explosion:

The vessel is under pressure. Protect from sun rays and temperatures higher than 50 °C (eg heat of light bulbs). Do not open or burn by force after use. Do not spray into a flame or on a hot object. Keep away from flammable objects - do not smoke. Take precautions against electrostatic charging.

4.2. Conditions for safe storage, including any incompatibilities

Required properties in warehouses and containers:

Store in a cool place. compressed gas

Official regulations regarding the storage of boxes must be observed. This product is subject to flammable spray products regulations. It is necessary to have detectors against fire and smoke in storage warehouses. Electrical equipment must not be explosive.

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Cautions regarding storage in one:

Other information on storage conditions:

Store the container in a well-ventilated place.

Store unused cans upright. + 5 °C and

Store at + 30 °C. Protect from frost. Keep it locked in a place and out of the reach of children.

Protect from heat and sun rays.

No other important information is available.

3.19. 3) Exposure controls/personal protection

3.20. 3.1. Control parameters

3.21. The product contains substances with limit values that are related to the working place and that need to be controlled.

3.22. amount is not included.

Exposure controls



Personal protective measures

Respiratory protection: Respiratory protection is essential if the overall level exceeds the recommended Occupational Exposure limit.



Skin/Hand protection: In case of contact, wear apron or protective clothing. Use polyethylene protective gloves. The most suitable glove should be chosen in consultation with the glove distributor. The glove maker will be able to give information about the permeability and deterioration time of the glove material.



Eye protection: Use splash-proof goggles to avoid any possible contact with eyes.

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Health Precautions

DO NOT SMOKE IN WORKING PLACES. Wash your hands at every change of shift, before eating, before using the toilet, and before smoking. Take off all contaminated clothing. Use a suitable skin cream to prevent the skin from drying out. Do not eat, drink or smoke during use. Keep contaminated clothing separate and wash before re-wearing.

4) Physical and chemical properties

4.1. Information on basic physical and chemical properties

Color: Light yellow

Odor: Characteristic

Density: 24-28 kg/m³

Melting Point: Not available.

Flammability: No information available.

Decomposition temperature: No information available.

Oxidizing Properties: No information available.

Solubility: Hardens on contact with water.

3.23. Other informations

4) No other important information is available.

4.1. chemical stability

No decomposition when properly stored and used.

4.2. Possibility of hazardous reactions

No dangerous reactions known.

4.3. Conditions to avoid

No other important information is available.

4.4. Substances to be avoided

Reacts vigorously with materials containing active hydrogen and with water.

4.5. Harmful decomposition products

No dangerous products have been heard of decomposition.

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5) Toxicological information 11.1. Information on toxicological effects Harmful by inhalation.

LD/LC50 - values important for classification (toxicological test values)
CAS: 101-68-8 4,4'-methylenediphenyl-diisocyanate
Oral LD50 9200 mg/kg (rat) Exhaled LC50/4h 178 mg/l (rat)
CAS: 1244733-77-4 tris (2- chlorine isopropyl) phosphate
Oral LD50 630-2.000 mg/kg (rat) Skin LD50 >2.000 mg/kg (rat)

Primary irritant effect:

- Skin corrosion/irritation

Causes skin irritation.

- Serious eye damage/irritation

Causes serious eye irritation.

- Respiratory or skin sensitization

May cause breathing difficulties, asthma attacks or allergies if inhaled. Causes allergic skin reactions.

- Germ cell mutagenicity

Based on available information, it does not meet the classification criteria.

- Carcinogenicity

It is suspected of causing cancer.

- Reproductive toxicity

May harm a breastfed child.

- STOT - single exposure

May cause respiratory tract irritation.

- STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

- Aspiration damage

Based on available information, it does not meet the classification criteria.

6) Ecological
information
12.1. Toxicity

Aquatic toxicity:
CAS: 85535-85-9 alkanes, C14-17, chloro
EC50 >1000mg/l/48h (20%MCCP's) >1000mg/l/72h (20%MCCP's) NOEC >1000 mg/l (20%MCCP's)
CAS: 1244733-77-4 tris (2- chlorine isopropyl) phosphate
EC50 47 mg/l

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12.2. Persistence and degradability

It does not decompose with bacteria.

12.3. Bioaccumulation potential

It does not enrich in organisms.

12.4. Mobility in soil

No other important information is available.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6. Other adverse effects

No other important information is available.

7) Disposal information

7.1. Waste treatment methods

Recommendation: Disposal together with household waste is prohibited. Prevent it from reaching the sewer.

waste list	
07 02 08	Other bottom sediment and reaction residues
07 02 13	waste plastic
15 01 05	composite packaging
08 05 01	Waste isocyanates
16 05 04	Gases (including halons) containing dangerous substances in pressure tanks
15 01 10	Contaminated with or contain residues of hazardous materials Packaging

Uncleaned packaging:

Recommendation:

Its liquidation is carried out according to the regulations of the official authorities.

7) Transport information 14.1.UN Number

ADR, IMDG, IATA 1950

14.2. UN proper shipping name

IMDG, IATA Aerosols

14.3. Transport hazard classes Land transport (ADR/RID):

Class: 2 5F Gases condensed, liquefied or dissolved under pressure

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Danger compass 2.1

Sea transport (IMDG) and Air transport (ICAO/IATA):
Class: 2 5F Gases condensed, liquefied or dissolved under pressure



Danger compass 2.1

14.2. packing group
ADR, IMDG : Removed.

14.3. Environmental hazards
Marine Pollutant : No.

14.4. Special precautions for the user
Warning: Gases that have been condensed, liquefied or dissolved under pressure.
Number of Kemler (hazard): -
EMS - number: F-D,S-U

14.5. Public transport according to Annex II of MARPOL 73/78 and the IBC code
Public Transport Not applicable.
Shipping/other information:
ADR
Limited Quantities; LQ2
Transport category; 2

Notes;
Exemption from ADR provisions by LQ directorate. (rule 3.4.5).
Inner packaging, max. 1 liter capacity, outer packaging - max. 30kg gross weight
Inner packaging, max. 1 liter capacity, based on a common ground and covered with shrink film.
20kg gross weight.

UN "Model Arrangement": 2

- 7) Regulatory information
- 7.1. Safety, health and environmental legislation specific for the substance or mixture
- Republic of Turkey:
 -
 - T.C. Ministry of Environment and Forestry, Regulation No. 27092, dated 26

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December 2008, on Classification, Packaging and Labeling of Hazardous Substances and Preparations

Regulation No. 28848, dated 11 December 2013, on Classification, Labeling and Packaging of Substances and Mixtures

Regulation on Health and Safety Precautions in Working with Chemicals

Occupational Health and Safety Law No. 6331, Regulation on Control of Hazardous Wastes

6.2. Chemical safety assessment:

A Chemical safety assessment has not been conducted.

Additional Warning Phrases:

Includes pressure. Keep away from sunlight and heat sources. Never pierce, even after use. Do not spray on naked flames or light sources. Do not breathe. Keep out of reach of children. Provide ventilation where used. Vapors may cause fatigue. In case of contact with eyes, rinse with plenty of water and seek medical attention. Keep away from sources of ignition - no smoking.

7) Other information

This document has been documented and approved within the framework of the "Regulation on Safety Data Sheets for Harmful Substances and Mixtures" dated 13 December 2014 and numbered 29204 and in accordance with the regulation.

Key sources of information used in editing this safety data sheet;

•Safety Data Sheet(s) prepared by the manufacturer of the product

•"Regulation on Safety Data Sheets on Hazardous Substances and Mixtures" and its annexes,

•"Regulation on Classification, Labeling and Packaging of Substances and Mixtures" and its annexes

•"Regulation on Health and Safety Precautions in Working with Carcinogenic and Mutagen Substances" and its annexes,

• Other relevant local regulations

•ADR, AND, RID, IMDG, IATA lists, ECHA and relevant EU directives