SAFETY DATA SHEET（SDS）

PU foam/Polyurethane adhesive

Version No.：V1.0.0.1
Report No.：HGNM20K6MR Edition date：01/01/2025 Revision date：01/01/2025

*According to GB/T17519、GB/T16483

1 Product and company identification

Product identification

Product name	PU FOAM
Another name	Sealant foam
CAS No.	N/A
EC No.	N/A
Molecular formula	N/A

Recommended use and uses advised against

Recommended use	Thermal insulation, filling gaps and sealing. Applications: construction, pipeline, door and window gap.
Uses advised against	No

Details of the supplier of the safety data sheet

Company	EFECE YAPI KİMYASALLARI ALÜMİNYUM TİC VE SAN.LTD.ŞTİ
Address	Altınkale mah. 4030. Sokak No:10/A-B DÖŞEMEALTI/ANTALYA
Zip Code	07190
Tel	——
Fax	——

Emergency telephone number

Emergency phone	905436506135

2 Hazards Identification

General

Extremely flammable aerosol. May burst. Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause irreversible effect. Suspected of causing cancer. May cause health damage through prolonged or repeated exposure

GHS classification

Acute oral toxicity	Category 4
Skin corrosion/irritation	Category 2
Skin sensitization	Category 1
Serious eye/damage irritation	Category 2A

Acute inhalation toxicity	Category 4
Respiratory sensitization	Category 1
Specific target organ toxicity - single exposure, Respiratory system	Category 3
Germ cell mutagenicity	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity – repeated exposure	Category 2
Aerosols	Category 1

GHS label elements

Hazard pictograms	
Signal Word	Danger

Hazard Statements

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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.
H340	May cause genetic defects
H351	Suspected of causing cancer.
H373	May cause damage to organs through prolonged or repeated exposure.
H222+H229	Extremely flammable aerosol. Pressurized container: May burst if heated.

Precautionary statements

- Prevention:

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces-No Smoking
P211	Do not spray on an open flame or other ignition source
P251	Pressurized Container: Do not pierce or burn, even after use
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash hands and face thoroughly after handling.

P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P285	In case of inadequate ventilation wear respiratory protection

◆ Accident response

P312	Call a POISON CENTER or a doctor if you feel unwell.
P314	Get medical advice/attention if you feel unwell.。
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P302+P352	IF ON SKIN: Wash with plenty of soap and 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.
P332+P313	IF SKIN irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.。
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER/ doctor
P362+P364	Take off contaminated clothing and wash it before reuse.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

◆ Storage:

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

◆ Disposal

P501	Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Harm description

◆ Physical and chemical harm description

	Extremely flammable. May burst.

◆ Health harm

Inhalation	If inhaled (especially prolonged exposure) may cause respiratory irritation, allergy or asthma symptoms or breathing difficulties. During working with this aerosol, inhalation of aerosol can be harmful.
Ingestion	Due to its physical property, the aerosol is unlikely to enter bodies on commercial/industrial occasions.
Skin	If contact with skin, may cause skin irritation.
Eye	Causes serious eye irritation. Direct eye contact can cause severe inflammation

	and pain.
◆ Environment harm	
	Refer to Section 12 of the SDS.

3 Composition/information on ingredients

Ingredient	CAS No.	EC No.	Content Weight，%
Chlorinated Paraffin	63449-39-8	264-150-0	Trade secret
Polymeric diphenylmethane diisocyanate	9016-87-9	618-498-9	Trade secret
TCPP	13674-84-5	237-158-7	Trade secret
Polyether polyol	9003-11-6	618-355-0	Trade secret
MDI	101-68-8	202-966-0	Trade secret
Dimethylether	115-10-6	204-065-8	Trade secret
LPG（containing 70%-80% butane）	68476-85-7	270-704-2	Trade secret

4 First aid measures

Description of first aid measures

General advice	First aid measures usually are needed. Show the SDS to doctors.
In case of eye contact	Rinse with plenty of water for 15 minutes. If feel unwell, seek medical advice.
In case of skin contact	Take off contaminated clothing immediately and flush skin with soap and plenty of water. If feel unwell, seek medical advice.
If swallowed	DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a POISON CENTER or a doctor
If inhaled	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If inhaled or swallowed, mouth to mouth artificial respiration is not allowed. Obtain medical attention.
Protection of first aiders	Make sure that medical staff understand the hazard and take self-protection measures to protect themselves and prevent the spread of spillage.

Advice for rescuers

1	Eliminate sources of ignition. Provide good ventilation.
2	Avoid contact with skin and eyes.
3	Avoid of inhalation of vapor.
4	Use personal protective equipment, including breathing apparatus.

Advice for doctors

1	Treat symptomatically.
2	Symptoms can be delayed.

5 Fire Fighting Measures

Extinguishing media

Suitable extinguishing media	Small fire：dry chemical or carbon dioxide Big fire： water spray or fog
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread fire.

Special hazards arising from the substance or mixture

1	Flammable. Foam will burn in the presence of an ignition source, sparks or flames.
2	May form explosive mixture with air.
3	Containers may explode due to buildup of pressure when exposed to extreme heat, foam can be leaked and increases the fire and / or vapor concentration
4	Vapor may move to the ignition source and flash back.
5	Harmful combustible gas or vapor may be produced in case of fire.
6	Can explode or decompose if heated or in contact with flames.

Advice for firefighters

1	Wear full protective fire-fighting gear including self-contained breathing apparatus (in accordance with MSHA/NIOSH requirements or equivalent)
2	Put out fires at safe distance and with full protection.
3	Do not allow to enter into surface water or drains.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

1	Avoid inhalation of vapor and contact with skin and eyes.
2	Beware of vapors accumulating to form explosive concentrations.
3	Vapors can accumulate in low areas.
4	Emergency personnel need to wear positive pressure self-contained breathing apparatus, antistatic protective clothing, and chemical anti-seepage gloves.
5	Ensure adequate ventilation. Eliminate sources of ignition. Take anti-static measures
6	Evacuate personnel to safe areas. Keep away from the hazardous area and upwind
7	Use personal protective equipment. Avoid inhalation of vapor, mist, gas or dust.

Environmental precautions

1	Prevent further leakage or spillage if safe to do so.
2	Do not allow to enter into surrounding environment.

Methods and materials for containment and cleaning up

1	Place spillage or contaminated things in sealed container for disposal according to all applicable regulations
2	Eliminate sources of ignition. Use explosion-proof and spark-proof equipment.
3	Avoid the contact of spillage with combustible materials (such as wood, paper, oil, etc.).

7 Handling and Storage

Precautions for safe handling

1	Do not breathe the vapor.
2	Only use tools that do not produce sparks
3	All metal parts of the equipment should be grounded to prevent vapor ignition caused by static discharge.
4	Use explosion-proof equipment.
5	Use only in well-ventilated areas.
6	Wear appropriate personal protective equipment
7	Avoid contact with skin and eyes.
8	Keep away from sources of ignition, sparks, open flames and heat surface

Conditions for safe storage

1	Keep container tightly closed.
2	Store in a dry, cool and ventilated place.
3	Keep away from ignition sources, spark, open flame and hot surfaces.
4	Keep away from food, drink and incompatible materials.
5	Storage temperature no more than 30℃.

8 Exposure Controls/Personal Protection

Control parameters

◆ Occupational Exposure Limits

Ingredient Name	Standard	Type	Standard data	Notes
MDI	GBZ 2.1-2019	PC-TWA	0.05 mg/m3	Sensitization
		PC-STEL	0.1 mg/m3	
LPG（containng 70%-	GBZ 2.1-2019	PC-TWA	1000 mg/m3	-
80% butane）		PC-STEL	1500 mg/m3	

Sensitization -- the material has been proved by human or animal data to have sensitizing effect.

◆ Biological limit value

Biological limit value	No relevant regulations

◆ Monitoring methods

1	EN 14042 Workplace atmospheres — Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents
2	GBZ/T 160.1~GBZ/T 160.81-2004 Methods for determination of toxic substances in the air of workplace.

Engineering Controls

1	Ensure good ventilation especially in confined areas.
2	Ensure eye wash and shower facilities available near the workplace.
3	Use explosion-proof electrical/ventilating/lighting equipment.
4	Set up emergency exit and necessary risk-elimination area.

Personal Protective Equipment

General	
Eye protection	Wear protective chemical glasses (According to EN 166 or NIOSH standard)
Hand protection	Use chemical resistance gloves (i.e. nitrile gloves). Gloves that comply with EN 374, US F739 or AS/NZS 2161.1 are recommended.
Respiratory Protection	If vapor concentrations are expected to exceed the occupational exposure limits, use a full cover multi-function respirator(US) or AXBEK type (EN 14387) respirator cartridge.
Skin and body Protection	Wear flame retardant and anti-static protective clothing and anti-static protective boots.

9 Physical and chemical properties

Physical and chemical properties

Appearance	Multi-color pressurized container (containing liquid and gas)
Odor	Week, characteristic
Odor threshold	No data available
pH	Not applicable
Melting/freezing point (℃)	No data available
Initial boiling point and boiling range (℃)	No data available
Flash point: (closed cup, ℃)	Not applicable
Evaporation rate:	Not applicable
Flammability	Extremely flammable
Lower/upper explosion limit [%(v/v)]	Lower explosion limit：No data available； Upper explosion limit：No data available
Vapor pressure	Not applicable
Vapor density: (air=1)	Not applicable

Relative density: (water=1)	Not applicable
Solubility (mg/L)	No data available
Octanol/water	Not applicable
Auto-ignition temperature(℃)	No data available
Decomposition temperature(℃)	No data available
Viscosity(mm2/s)	Not applicable

10 Stability and reactivity

Physical and chemical properties

Reactivity	May cause decomposition or other chemical reactions if in contact with incompatible materials
Chemical stability	Stable under normal storage and use conditions.
Possibility of hazardous reactions	May explode if in contact with halogens and inter-halogen compounds.
Conditions to avoid	Incompatible materials, heat, flames and sparks.
Incompatible materials	Halogens, interhalogen compounds, inorganic acids, sulfur, sulfides and sodium peroxide.
Hazardous decomposition products	No hazardous decomposition products produced under normal storage and use conditions,

11 Toxicological information

Acute toxicity

Component	CAS. No	LD $_{50}$(mouth)	LD $_{50}$ (Skin)	LC $_{50}$ (Inhale,4h)
Polyether polyol	9003/11/6	5700mg/kg (Rat)	No data available	0.32mg/L (Rat)
Polymethylene polyphenyl isocyanate	9016-87-9	49000mg/kg(Rat)	9400mg/kg(Rabbit)	0.49mg/L (Rat)
MDI	101-68-8	9200mg/kg(Rat)	No data available	No data available
TCPP	13674-84-5	1500mg/kg(Rat)	No data available	No data available

Carcinogenicity

ID	Cas. No	component	IARC	NTP
1	9016-87-9	Polymethylene polyphenyl isocyanate	Class 3	Not listed
2	63449-39-8	Chlorinated paraffin	Not listed	Not listed
3	13674-84-5	TCPP	Not listed	Not listed
4	9003-11-6	Polyether polyol	Not listed	Not listed

5	101-68-8	MDI	Class 3	Not listed
6	115-10-6	Dimethyl ether	Not listed	Not listed
7	68476-85-7	LPG (containing 70%~80% butane)	Not listed	Not listed

Other information

PU Foam/Polyurethane Adhesive	
Skin corrosion/irritation	Cause skin irritation Category 2
Serious eye damage/irritation	Cause serious eye irritation(Category 2A)
Skin sensitization	May cause allergic skin reactions(Category 1)
Respiratory sensitization	Inhalation may cause allergy or asthma symptoms or breathing difficulties (Category 1)
Reproductive toxicity	According to the available information, the classification criteria are not met
Specific target organ toxicity -Single exposure	May cause respiratory irritation (Category 3)
Specific target organ toxicity-repeatedly	Prolonged or repeated exposure may damage organs(Category 2)
Skin corrosion/irritation exposure	Cause skin irritation Category 2
Inhalation hazard	According to the available information, the classification criteria are not met
Germ cell mutagenicity	May cause genetic defects (Category 1)
Additional hazards of reproductive toxicity	According to the available information, the classification criteria are not met

12 Ecological information

Acute aquatic toxicity

Component	CAS No.	Fish	Crustaceans	Algae/aquatic plants
Chlorinated Paraffin	63449-39-8	LC50：80mg/L (96h)(fish)	No data available	No data available

Chronic aquatic toxicity

Chronic aquatic toxicity	No data available

Persistence and degradability

Component	CAS No.	Persistence（water/soil）	Persistence（air）
Polymethylene polyphenyl isocyanate	9016-87-9	low(half-time=1day)	low(half-time=0.24day)
Chlorinated paraffin	63449-39-8	high(half-time=360day)	high (half-time=6666.67day)
TCPP	13674-84-5	high	high

Polyether polyol	9003-11-6	low(half-time=11.88day)	low (half-time=381.96day)
MDI	101-68-8	low(half-time=1day)	low (half-time=0.24day)
LPG (contain 70%~80% Butane)	68476-85-7	high	high

Bioaccumulation or bioaccumulation

Component	CAS No.	Bioaccumulation	Remarks
Polymethylene polyphenyl isocyanate	9016-87-9	low	BCF=15
Chlorinated paraffin	63449-39-8	low	BCF=30
TCPP	13674-84-5	low	BCF=8
Polyether polyol	9003-11-6	low	BCF=35
MDI	101-68-8	low	BCF=15
LPG (contain 70%~80% Butane)	68476-85-7	low	BCF=1.97

Mobility in soil

Component	Cas No.	Soil mobility	Organic soil/Water distribution coefficient (Koc)
Polymethylene polyphenyl isocyanate	9016-87-9	low	376200
Chlorinated paraffin	63449-39-8	low	48.64
TCPP	13674-84-5	low	1278
Polyether polyol	9003-11-6	high	1.435
MDI	101-68-8	low	376200
LPG (containing 70%~80% Butane)	68476-85-7	low	35.04
Polymethylene	9016-87-9		

PBT & vPvB result evaluation

Component	CAS No.	PBT/vPvB result evaluation （accordin	to (EC) No1907/2006)
		Not belong to PBT/v	vB

polyphenyl isocyanate		
Chlorinated paraffin	63449-39-8	PBT/vPvB
TCPP	13674-84-5	Not belong to PBT/vPvB
Polyether polyol	9003-11-6	Not belong to PBT/vPvB
MDI	101-68-8	Not belong to PBT/vPvB
Dimethyl ether	115-10-6	Not belong to PBT/vPvB
LPG (containing 70%~80% butane)	68476-85-7	Not belong to PBT/vPvB

13 Disposal

Disposal

Waste chemicals	Refer to relevant national and local regulations before disposal. It is recommended to dispose of by incineration。
Contaminated packaging	After the packaging is emptied, there may still be residual hazards. Keep away from heat and fire, and return it to the supplier for recycling if possible use.
Disposal considerations	Refer to waste chemicals and contaminated packaging.

14 Transport information

Labels and markings

Shipping label	
Marine pollutants	NO

Maritime Dangerous Regulations（IMDG-CODE）

UN No.	1950
Correct shipping name Class No.	aerosol 2.1
Transport minor hazard category	NO
Packing CODE Special regulations for transportation	Not applicable 63 190 277 327 344 959
Limited Quantity Excepted Quantity Marine pollutants EmS No.	See SP277 E0
	NO
	F-D,S-U

Air transport（ICAO/IATA-DGR）

UN No.	1950

Correct shipping name	aerosol
Main hazard categories for transportation	2.1
Transport minor hazard category	NO
Packing CODE	Not applicable
Excepted Quantity	E0
Packaging Guide for passenger and freight limited quantity	Y203 Engine starting fluid：forbidden
Maximum net weight for Passenger and freight limited quantity transport orders	30 kg G Engine starting fluid：forbidden
packaging guidelines for Passenger and freight	203 Engine starting fluid：forbidden
Maximum net weight of passenger and freight orders	75 kg Engine starting fluid：forbidden
Shipping packaging guide	203
Maximum net weight of freight	150 kg
Special regulations for transportation	A145、A167 A802 Engine starting fluid：A1、A145、A167 A802
ERG CODE	10L

Highway transport（UN-ADR）

UN No.	1950
Correct shipping name	aerosol
Main hazard categories for transportation	2.1
Transport minor hazard category	NO
Packing CODE	Not applicable
Special regulations	190|327|344|625
Limited quantity	1 L
Expected quantity	E0
Packaging rules	P207|LP02
Special packaging regulations	PP87|RR6|L2
Mixed packaging regulations	MP9

Specification for portable tanks and bulk containers	-
Special stipulate portable	-

tanks and bulk containers	
ADR Tank code	-
ADR special regulations for tanks	-
Tank transport vehicle	-
Transportation classification（Tunnel traffic restriction code）	2 (D)
Special regulations for transportation（packing）	V14
Special regulations for transportation（Medium bulk container）	-
Special regulations for transportation（ operation for loading and unloading ）	CV9|CV12
Special regulations for transportation（operation）	S2
Hazard identification code	-
Remark	-

other information

Method of packing	Packed in pressurized containers such as cylinders. Pack according to the method recommended by the manufacturer.
Transportation considerations	The exhaust pipe of the vehicle carrying the item must be equipped with a fire arrester. Mechanical equipment and tools that easily generate sparks are forbidden to use for loading and unloading. Mixed shipment and transportation with oxidants, halogens, etc. are strictly prohibited. The height shall not exceed the protective fence of the vehicle, and the triangular wooden pad shall be used to prevent rolling。Cylinders are generally placed flatly, and the mouths of the cylinders should be in the same direction, not crossing。The safety cap must be worn when a cylinder is transported. Transport vehicles should be equipped with corresponding types and quantities of fire-fighting equipment and leakage emergency treatment equipment during transportation. Before transportation, check whether the container is complete and sealed 。 Danger signs and announcements should be posted on the transportation vehicles in accordance with relevant transportation requirements.

Regulatory information

International Chemical Inventory

TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AICS	ENCS

Polymethylene polyphenyl isocyanate	×	√	√	√	√	√	√	√	√
Chlorinated paraffin	√	√	√	√	√	√	√	√	×
TCPP	√	√	√	√	√	√	√	√	√
Polyether polyol	×	√	√	√	√	√	×	√	×
MDI	√	√	√	√	√	√	√	√	√
Dimethyl ether	√	√	√	√	√	√	√	√	√
LPG (contain 70%~80% Butane)	√	√	√	√	√	√	√	√	×
Chlorinated paraffin	√	√	√	√	√	√	√	√	×

【EINECS】 European Inventory of Existing commercial Chemical Substances

【TSCA】 U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory

【DSL】 Canada Domestic Substances List

【IECSC】 Inventory of Existing Chemical Substances in China

【NZIoC】 New Zealand Inventory of Chemical

【PICCS】 The Philippine Inventory of Chemicals and Chemical Substances

【KECI】 The Korea Existing Chemicals Inventory

【AICS】 Australian Inventory of Chemical Substances

【ENCS】 Japanese Existing and New Chemical Substances Inventory

China Chemical Management Inventory

Component	A	B	C	D	E	F	G	H
Polymethylene polyphenyl isocyanate	×	×	×	×	×	×	×	×
Chlorinated paraffin	×	×	×	×	×	×	×	×
TCPP	×	×	×	×	×	×	×	×
Polyether polyol	×	×	×	×	×	×	×	×
MDI	√	×	×	×	×	×	×	×
Dimethyl ether	√	×	×	×	√	×	×	×
LPG (containing 70%~80% butane)	√	×	×	×	√	×	×	×

【A】 Dangerous Chemical Inventory (2015 Edition), No.5 Announcement of the State Safety Administration in 2015

【B】 Key Environmental Management Hazardous Chemical Inventory, No. 33Document of General Office of Ministry of Environmental Protection in 2014
【C】 Strictly Restricted Toxic Chemical Inventory in China, No. 74Announcement of the Ministry of Environmental Protection in 2017
【D】 Narcotic Drug and Psychotropic Drug Inventory (2013 Edition), No. 230 Announcement of the General Administration of Food and Drug in 2013
【E】 Inventory of Hazardous Chemical under Key Supervision (batch 1 and 2), No. 95 and No. 12 announcement of the State Safety Administration in 2011 and 2013
【F】 China's Import and Export of Controlled Ozone Depleting Substance Inventory (batches 1 to 6), Series Announcements of the Ministry of Environmental Protection from 2000-2012
【G】Explosive Hazardous Chemical Inventory (2017 Edition), Announcement of the Ministry of Public Security on May 11, 2017
【H】 High Toxic Substance Inventory, No. 142 Announcement of Ministry of Health in 2003

Note:

√: the substance is listed in the inventory

×: no data available or the substance is not listed in the inventory

16 Other information

Revision information

Compilation date	2025/01/01
Revision date	2025/01/01
Reason for revision	-

Reference

【1】International Programme on Chemical Safety：International Chemical Safety Cards (ICSCs) website：http://www.ilo.org/dyn/icsc/showcard.home
【2】International Research for Cancer，website：http://www.iarc.fr/
【3】OECD The Global Portal to Information on Chemical Substance website：http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
【4】U.S.CAMEO Chemicals，website：http://cameochemicals.noaa.gov/search/simple
【5】U.S. Medical Library: chemical labeling database website：http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp。
【6】U.S. Environmental Protection Agency: Integrated Hazard Information System website：http://cfpub.epa.gov/iris/。
【7】U.S. Department of Transportation：Emergency Response Guideline website：http://www.phmsa.dot.gov/hazmat/library/erg
【8】Germany GESTIS-database on hazardous substances，website：http://gestis-en.itrust.de/

Abbreviation

CAS–Chemical Abstracts Standard

TSCA–U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory

PC-STEL–Permissible concentration-Short Term Exposure Limit

PC-TWA–Permissible concentration-Time Weighted Average

DNEL–Derived No Effect Level	IARC–The International Agency for Research on Cancer
RPE–Respiratory protective equipment	PNEC–Predicted No Effect Concentration
LC50– 50% Lethal Concentration	LD50–50% Lethal Dose
NOEC–no-observed-effect concentration	EC50–50% Effect Concentration
PBT–Persistence, Bioaccumulation, and Toxicity	POW–Partition of Octanol-Water
BCF–Bio-Concentration Factor	vPvB–very persistent and very bioaccumulative
CMR–Carcinogenic, Mutagenic or Toxic to Reproduction	
IMDG–International Maritime Dangerous Goods	ICAO/IATA–International Civil Aviation Organization/International Air Transport Association
UN–United Nations	ACGIH–American Conference of Governmental Industrial Hygienists
NFPA–U.S. National Fire Protection Association	OECD–Organization for Economic Co-operation and Development

Disclaimer

The Safety Data Sheet conforms to the requirements of GB / T 16483 and GB / T 17519 in Türkiye, and the data comes from international authoritative database and data submitted by us. 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 persons receiving it will make their own determination as to its suitability for their purposes prior to use. In no event will the manufacturer be responsible for damages during operation, storage, use or disposal of the product.