

Mehmet KILIÇ

Kimden: MKE İkmal Dairesi Supply <supply@mkek.gov.tr>
Gönderme Tarihi: 13 Temmuz 2018 Cuma 12:04
Konu: 4.400 kg Hidroksil Uçlu Polibütadien'in FOB NY/NJ A.B.D. Limanından, Evyap Limanına taşıtılması işi için informatif teklif verilmesi.
Eklr: İformatif Deniz Nak. ihalesi.pdf
Önem: Yüksek

MKE Mühimmat Fabrikası Müdürlüğü / Kırıkkale ihtiyacı olarak AEROBIZ INC / A.B.D. Firmasından ithal edilecek olan ve ekteki Teklif İsteme Mektubunda ambalaj detayları verilen 4.400 kg Hidroksil Uçlu Polibütadien FOB NY/NJ A.B.D. Limanından, Evyap Limanına taşıtılması işi için informatif teklifinizin 16/07/2018 saat 16.00 a kadar Başkanlığımıza iletilmesini rica ederiz.

Not:İnformatif teklifler e-posta ve fax yolu ile gönderilebilir.

Berçem DURAN Ahmet KONUR
Proje Alımları Şb Md İkmal Dairesi Başkanı

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MAKİNA ve KİMYA ENDÜSTRİSİ KURUMU GENEL MÜDÜRLÜĞÜ
İkmal Dairesi Başkanlığı



Sayı : 16363019-930[1376.PRJ.0102]-
E.120966
Konu : NY/NJ ABD - Evyap Limanı taşıma
işi

12.07.2018

FİRMALARA

MKE Mühimmat Fabrikası Müdürlüğü/ Kırıkkale ihtiyacı olarak AEROBİZ INC/A.B.D. Firmasından ithal edilecek olan ve aşağıda ambalaj detayları verilen 4.400 kg Hidroksil Uçlu Polibütadien FOB NY/NJ A.B.D. Limanından, Evyap Limanına taşınması işi için **informatif teklifinizin 16/07/2018 saat 16.00 a kadar** Başkanlığımıza iletilmesini rica ederiz.

Not:İnformatif teklifler e-posta ve fax yolu ile gönderilebilir.

Firma iletişim bilgileri:
AEROBİZ INC.5 Brewster st 350
Glen Cove, NY 11542

Yetkili kişi: Ayşe ERGÜNER
Direct Tel:1-516-625 6215
Fax: 1-516-908 36 62
E-mail:aerobizinc@yahoo.com.

Türkiye İrtibat Bürosu:
Yetkilisi: Noyan DİLEK
Tel: (0312) 419 61 24
E-mail:noyandilek@dekimsa.com

Ambalaj Detayları:
Net Ağırlık : 4.400 kg.
4.464 kg. (24 Fıçı)
410 lb (185,97 kg.) Fıçının net ağırlığı

Not: 5070 sayılı Elektronik İmza Kanunu gereği bu belge elektronik imza ile imzalanmıştır.



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MAKİNA ve KİMYA ENDÜSTRİSİ KURUMU GENEL MÜDÜRLÜĞÜ
İkmal Dairesi Başkanlığı



Sayı : 16363019-930[1376.PRJ.0102]-
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işi

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e-imzalıdır

Berçem Raife DURAN
Proje Alımları Şubesi Müdürü



e-imzalıdır

Ahmet KONUR
İkmal Dairesi Başkanı

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MIL-SPEC INDUSTRIES CORP.

e-mail: info@mil-spec-industries.com
<http://www.mil-spec-industries.com>

42 Herb Hill Road • Glen Cove, NY 11542
Tel: (516) 625-5787 • Fax: (516) 625-0988

Safety Data Sheet

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Section 1: Identification

1.1. Product Identifier

Product form:	Substance
Product Identifier(s):	HTPB
Description:	Hydroxy-Terminated Polybutadiene
CAS No:	69102-90-5

1.2. Recommended use of the chemical and restrictions on use

No additional information available

1.3. Details of the supplier of the safety data sheet

Mil-Spec Industries Corp.
42 Herb Hill Road
Glen Cove, NY 11542 USA

Telephone Number: (516) 625-5787

1.4. Emergency telephone number

Emergency number: 1-800-255-3924 (US/Canada), +1-813-248-0585 (International)

Section 2: Hazards Identification

2.1. Classification of the substance or mixture

GHS-US classification

Reproductive toxicity Category 2

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US):



Signal word (GHS-US)

Hazard statements (GHS-US)

Precautionary statements (GHS-US)

Warning

Suspected of damaging fertility or the unborn child

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves, protective clothing, eye protection, face protection.

If exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents and container in accordance with all local, regional, national and international regulations

2.3. Hazards not otherwise classified

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

2.5. Additional information

Based on conditions common to industrial workplace use of this product

Based on professional judgment, inconclusive testing, or sensitive individuals

Contact with skin or eyes with hot material may cause serious thermal burns to skin or eyes. Vapors formed when material is processed at high temperatures may be irritating to the eyes and upper respiratory tract.

May cause mild eye irritation.

May cause mild respiratory irritation.

May cause mild skin irritation.

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Safety Data Sheet

Section 3: Composition/Information on Ingredients

3.1. Substance

Chemical name: 1,3-Butadiene, homopolymer, hydroxy-terminated
CAS No.: 69102-90-5

Impurities and/or Stabilizing Additives which Contribute to the Classification:

Name	CAS No	%
2,2'-Methylenebis(4-methyl-6-tert-butylphenol) (Additive)	118-47-1	1

3.2. Mixture

Not applicable

Section 4: First-Aid Measures

4.1. Description of first-aid measures

First-aid measures after inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
First-aid measures after skin contact: Wash with plenty of soap and water. If irritation persists, consult a doctor. Heated Material: For serious burns from heated material, get medical attention. In case of skin contact, immediately immerse in or flush with clean, cold water.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. Obtain medical attention if irritation persists.
First-aid measures after ingestion: Rinse mouth out with water. If necessary seek medical advice.

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

Symptoms/injuries: Chronic (long-term) health effects may result from repeated overexposure.

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

Treat symptomatically.

Section 5: Firefighting Measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray or fog. Carbon dioxide. Foam. Dry chemical. Dry powder. Sand.

Unsuitable extinguishing media: Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the chemical

Fire hazard: Heat from fire can generate flammable vapor. When mixed with air and exposed to ignition source, can burn in open air or explode if confined.

Explosion hazard: May form flammable/explosive vapor-air mixture.

Hazardous decomposition products in case of fire: Carbon oxides (CO, CO₂). 1,3-butadiene. Hydrocarbons. Toxic fumes.

5.3. Advice for firefighters

Firefighting instructions: Fight fire from safe distance and protected location. Avoid direct personal contact with liquid even after fire is out to prevent potentially serious burns. Use water spray or fog for cooling exposed containers. Apply aqueous extinguishing media carefully to prevent frothing/steam explosion. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not attempt to take action without suitable protective equipment. Complete protective clothing. Self-contained breathing apparatus.

Other information: Fires are typically very smoky.

Section 6: Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Emergency procedures for non-emergency: Ensure adequate ventilation. Do not attempt to take action without suitable protective personnel equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures for emergency responders: No additional requirement.

6.2. Methods and material for containment and cleaning up

For containment: Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite. Keep recovered product for subsequent disposal.

Methods for cleaning up: Wash away residue with large amounts of water. Gather the product and place it in a spare container that has been suitably labeled.

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Safety Data Sheet

6.3. Reference to other sections

See section 8. Exposure controls/personal protection.

Section 7: Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Avoid all contact with skin, eyes, or clothing. Wear personal protective equipment. Avoid contact with elevated temperature or molten product to prevent burns. If heated too hot (above 204 °C), a runaway polymerization may occur. If heating is necessary for drummed product, loosen or remove bung or lid before warming/heating product to avoid overpressurization in the drum. Steam drum heaters are recommended. If frozen, thaw and mix thoroughly before use.

Hygiene measures:

Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing must not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures:

Electrical equipment should conform to the National Electric Code.

Storage conditions:

Keep container tightly closed. Store in a dry, cool area. Store locked up. Protect from freezing. Viscosity may increase over time.

Storage temperature:

10 - 32 °C (50 - 89.6 °F)

Section 8: Exposure Controls/Personal Protection

8.1. Occupational Exposure Limits

The following constituents are the only constituents of the product which have a PEL, TLV, or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Provide readily accessible eye wash stations and safety showers. Ensure good ventilation of the work station.

Hand protection:

Protective gloves.

Eye protection:

Safety glasses.

Skin and body protection:

Wear suitable protective clothing.

Respiratory protection:

Wear appropriate respiratory protection, if occupational exposure limits are exceeded or irritation/sensitivity is experienced. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended.

Section 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Viscous.
Color:	Colorless to light yellow.
Odor:	No data available
Odor threshold:	No data available
pH:	No data available
Relative evaporation rate (butyl acetate=1):	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	> 300 °C
Flash point:	> 205 °C Cleveland open cup (COC)
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	No data available
Vapor pressure:	No data available
Relative vapor density at 20 °C:	No data available
Relative density:	0.9
Solubility:	Water: Slightly soluble
Log Kow:	No data available
Viscosity, kinematic:	No data available

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Viscosity, dynamic: - 5000 mPa.s
Explosion limits: No data available

9.2. Other Information

No additional information available

Section 10: Stability and Reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under use and storage conditions as recommended in section 7.

10.3. Possibility of hazardous reactions

Decomposes by polymerization above 204 °C. Once initiated, the reaction generates enough heat to continue spontaneously.

10.4. Conditions to avoid

Heat. Direct sunlight. No flames, no sparks. Eliminate all sources of ignition. Temperatures above 87°C.

10.5. Incompatible materials

Strong oxidizing agents. Strong reducing agents. Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological Information

11.1. Information on toxicological effects

Likely routes of exposure: Ingestion. Skin and eye contact.

Acute toxicity: Not classified
Based on available data, the classification criteria are not met

2,2'-Methylenebis(4-methyl-6-tert-butylphenol) (119-47-1)	
LD50 oral rat	> 10000 mg/kg
LD50 dermal rabbit	> 10000 mg/kg

Skin corrosion/irritation: Not classified
Based on available data, the classification criteria are not met

Serious eye damage/irritation: Not classified
Based on available data, the classification criteria are not met

Respiratory or skin sensitization: Not classified
Based on available data, the classification criteria are not met

Germ cell mutagenicity: Not classified
Based on available data, the classification criteria are not met

Carcinogenicity: Not classified
Based on available data, the classification criteria are not met

Reproductive toxicity: Suspected of damaging fertility or the unborn child.
The suspected reproductive toxicity of this product is derived from the antioxidant used in this product

Specific target organ toxicity (single exposure): Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (repeated exposure): Not classified
Based on available data, the classification criteria are not met

Aspiration hazard: Not classified
Based on available data, the classification criteria are not met

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Section 12: Ecological Information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

Section 13: Disposal Considerations

13.1. Waste treatment methods

Waste treatment methods:

Transfer to a safe disposal area in accordance with federal, state, and local regulations.

Waste disposal recommendations:

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Section 14: Transport Information

US Transport (DOT) for Bulk Shipments (Non-Bulk Shipments May Differ)

Not regulated by US DOT

Transport by sea (IMDG)

Not regulated by IMDG

Air transport (IATA)

Not regulated by IATA

Section 15: Regulatory Information

15.1. US Federal regulations

EPA TSCA Status

All components of this product are listed or exempt from listing on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

SARA Section 313 Supplier Notification

This product contains no toxic chemicals in excess of the applicable de minimis concentration that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

SARA Section 311/312 Hazard Classes

Chronic health hazard

Export Control Statement:

This product and technical data related to this product are export controlled by the United States (US) Government. Exportation/international shipments of this product are subject to licensing by the US Government. Export, reexport or other diversion, either in the original form or after being incorporated in an intermediate process into other end-items, is STRICTLY PROHIBITED unless expressly authorized by the cognizant agency of the US Government.

15.2. International regulations

CANADA

No additional information available

National inventories

No additional information available

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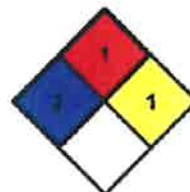
15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity, not limited to any that may be listed below

Section 16 Other Information

NFPA (National Fire Protection Association)

NFPA health hazard: 2
NFPA fire hazard: 1
NFPA reactivity: 1



HMIS III Rating

Health: 2*
Flammability: 1
Physical Hazard: 1
Personal protection: See section 8 of SDS

US OSHA LABEL as specified under 29 CFR §1910.1200 (f)

HTPB

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Tel. (516) 625-5787



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Wear protective gloves, protective clothing, eye protection, face protection.

If exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents and container in accordance with all local, regional, national and international regulations.

Version: 1.6

Date of Issue: January 11, 2017

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