



according to UK REACH Regulation

## Whiteboard Foam 400ml 575602

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# SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Whiteboard Foam 400ml 575602

Product group: Zulieferprodukt

UFI: T7JA-21U4-000S-T866

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

Uses advised against

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# 1.3. Details of the supplier of the safety data sheet

Company name: DURABLE Hunke & Jochheim GmbH & Co. KG

Street: Westfalenstrasse 77-79

Place: 58636 Iserlohn
Telephone: +49 (0) 2371 / 662 - 0
e-mail: durable@durable.de
e-mail (Contact person): durable@durable.de
Internet: www.durable.de

1.4. Emergency telephone Giftnotruf Berlin +49 30 19240

number:

#### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

### **GB CLP Regulation**

Hazard categories: Aerosols: Aerosol 1 Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

### 2.2. Label elements

# **GB CLP Regulation**

Signal word: Danger

Pictograms:



### **Hazard statements**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

# **Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

## 2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.



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# **SECTION 3: Composition/information on ingredients**

#### 3.2. Mixtures

### **Hazardous components**

CAS No	Chemical name					
	EC No	Index No	REACH No			
	Classification (GB CLP Regulation)					
106-97-8	butane					
	203-448-7	601-004-00-0				
	Flam. Gas 1; H220					
74-98-6	propane					
	200-827-9	601-003-00-5				
	Flam. Gas 1; H220					

Full text of H and EUH statements: see section 16.

# **SECTION 4: First aid measures**

### 4.1. Description of first aid measures

#### After inhalation

Provide fresh air.

#### After contact with skin

After contact with skin, wash immediately with: Water. Change contaminated clothing.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

### After ingestion

If swallowed, immediately drink: Water.

# 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

# **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

# Suitable extinguishing media

Carbon dioxide (CO2). Foam. Extinguishing powder.

### Unsuitable extinguishing media

Water with tenside additive. Water.

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

Combustible. Vapours may form explosive mixtures with air. Heating causes rise in pressure with risk of bursting.

# 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

## **Additional information**

Use water spray jet to protect personnel and to cool endangered containers.

### **SECTION 6: Accidental release measures**





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### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Remove all sources of ignition.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Explosion hazard.

# 6.3. Methods and material for containment and cleaning up

# For containment

For cleaning up Wash with plenty of water.

#### For cleaning up

For cleaning up Wash with plenty of water.

#### Other information

Ventilate affected area.

# **SECTION 7: Handling and storage**

# 7.1. Precautions for safe handling

#### Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

#### Advice on general occupational hygiene

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

### 7.2. Conditions for safe storage, including any incompatibilities

### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from sources of ignition - No smoking.

# Hints on joint storage

Do not store together with: Material, rich in oxygen, oxidizing.

## Further information on storage conditions

Recommended storage temperature 20°C

### **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

#### **Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL

# 8.2. Exposure controls

### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

# Individual protection measures, such as personal protective equipment

# Eye/face protection

Tightly sealed safety glasses.

### **Hand protection**

EN ISO 374 Tested protective gloves are to be worn: Butyl rubber. For special purposes, it is recommended to





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check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

# Skin protection

Protective clothing:

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## **SECTION 9: Physical and chemical properties**

## 9.1. Information on basic physical and chemical properties

Physical state: Aerosol
Colour: colourless
Odour: characteristic

Boiling point or initial boiling point and -0,5 °C

boiling range:

Lower explosion limits:

Upper explosion limits:

9,4 vol. %

Flash point:

0 °C

Auto-ignition temperature:

365 °C

Vapour pressure:

2100 hPa

(at 20 °C)

Vapour pressure: 4900 hPa

(at 50 °C)

Density: 0,55 g/cm³

### 9.2. Other information

Keine weiteren relevanten Informationen verfügbar.

No further relevant information available.

# **SECTION 10: Stability and reactivity**

### 10.1. Reactivity

No data available

# 10.2. Chemical stability

No data available

# 10.3. Possibility of hazardous reactions

No data available .

#### 10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

# 10.5. Incompatible materials

No data available

## 10.6. Hazardous decomposition products

No data available

# **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in GB CLP Regulation

## Irritation and corrosivity

No data available

## Sensitising effects

not sensitising.

### Carcinogenic/mutagenic/toxic effects for reproduction





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No data available

# STOT-single exposure

No data available

#### STOT-repeated exposure

No data available

#### **Aspiration hazard**

No data available

# Information on likely routes of exposure

No data available

#### Specific effects in experiment on an animal

No data available

#### Additional information on tests

No data available

#### Practical experience

No data available

### 11.2. Information on other hazards

#### Other information

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Based on the available data, the classification criteria are not met.

# **SECTION 12: Ecological information**

# 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	2,89
74-98-6	propane	2,36

#### 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

# 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No data available

#### **Further information**

Do not allow to enter into surface water or drains.

# **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

# **Disposal recommendations**

Dispose of waste according to applicable legislation.

## List of Wastes Code - residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and

discarded chemicals; gases in pressure containers (including halons) containing hazardous

substances; hazardous waste

# List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND

PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately

collected municipal packaging waste); metallic packaging





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### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

# **SECTION 14: Transport information**

# Land transport (ADR/RID)

14.1. UN number or ID number:UN195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es):2Hazard label:2.1



Classification code: 5F

Special Provisions: 190 327 625

Limited quantity: 1 L
Transport category: 2
Tunnel restriction code: D

Other applicable information (land transport)

E0

# Inland waterways transport (ADN)

14.1. UN number or ID number:UN195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es):2Hazard label:2.1



Classification code: 5F

Special Provisions: 190 327 344 625

Limited quantity: 1 L

Other applicable information (inland waterways transport)

E0

# Marine transport (IMDG)

14.1. UN number or ID number:UN195014.2. UN proper shipping name:AEROSOLS

14.3. Transport hazard class(es): 2
14.4. Packing group: -

Hazard label: 2, see SP63

Special Provisions: 63, 190, 277, 327, 344, 959

Limited quantity: See SP277
EmS: F-D, S-U

Other applicable information (marine transport)

E0

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN1950

14.2. UN proper shipping name: AEROSOLS, flammable



### DURABLE Hunke & Jochheim GmbH & Co. KG

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14.3. Transport hazard class(es):2.1Hazard label:2.1



Special Provisions: A145 A167 Limited quantity Passenger: 30 kg G

IATA-packing instructions - Passenger:203IATA-max. quantity - Passenger:75 kgIATA-packing instructions - Cargo:203IATA-max. quantity - Cargo:150 kg

# Other applicable information (air transport)

E0 : Y203

### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

# 14.6. Special precautions for user

Keine weiteren relevanten Informationen verfügbar.

No further relevant information available.

### 14.7. Maritime transport in bulk according to IMO instruments

Keine weiteren relevanten Informationen verfügbar.

No further relevant information available.

# **SECTION 15: Regulatory information**

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

# EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 28, Entry 40

2004/42/EC (VOC): 50 % (275 g/l)

National regulatory information

Water hazard class (D): -- non-hazardous to water

# **SECTION 16: Other information**

# Relevant H and EUH statements (number and full text)

H220 Extremely flammable gas.H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)