# **SAFETY DATA SHEET DENTAL TRAY ADHESIVE**

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

# 1.1. Product identifier

Product name **DENTAL TRAY ADHESIVE** 

A3770/01 Internal identification

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

Identified uses Adhesive.

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

Supplier ASTEK INNOVATIONS LIMITED

> **ASTEK HOUSE** ATLANTIC STREET **ALTRINCHAM CHESHIRE WA14 5DH**

TEL +44 (0)161 9423900 FAX +44 (0)161 9423901

# 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 777 8505 330 (24 hrs)

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

# 2.1. Classification of the substance or mixture

Classification

Physical hazards Aerosol 1 - H222, H229

Health hazards Eye Dam. 1 - H318 Elicitation (Skin Sens.) STOT SE 3 - H336 Asp. Tox. 1 - H304

**Environmental hazards** Aquatic Chronic 3 - H412

Classification (67/548/EEC or Xi;R41. F+;R12. R52/53,R67.

1999/45/EC)

### 2.2. Label elements

# **Pictogram**







### Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: may burst if heated

H318 Causes serious eye damage. H336 May cause drowsiness or dizziness.

H412 Harmful to aquatic life with long lasting effects.

EUH208 Contains TRIETHYLENETETRAMINE. May produce an allergic reaction.

# **DENTAL TRAY ADHESIVE**

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

smoking.

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

P251 Do not pierce or burn, even after use.

P261 Avoid breathing vapour/spray.

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

P273 Avoid release to the environment.

P280 Wear protective gloves, eye and face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

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

Supplemental label

information

EUH066 Repeated exposure may cause skin dryness or cracking.

Contains PENTANE, POLYAMINOAMIDE, XYLENE

## 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

# SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

DIMETHYL ETHER 30-60%

CAS number: 115-10-6 EC number: 204-065-8 REACH registration number: 01-

2119472128-37

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Gas 1 - H220 F+;R12

Press. Gas, Compressed - H280

PENTANE 10-30%

CAS number: 109-66-0 EC number: 203-692-4 REACH registration number: 01-

2119459286-30-xxxx

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 2 - H225 F+;R12 Xn;R65 R66 R67 N;R51/53

Asp. Tox. 1 - H304 STOT SE 3 - H336 Aquatic Chronic 2 - H411

POLYAMINOAMIDE 10-30%

CAS number: —

Classification Classification (67/548/EEC or 1999/45/EC)

Eye Dam. 1 - H318 Xi;R41.

# **DENTAL TRAY ADHESIVE**

PROPAN-2-OL 10-30%

CAS number: 67-63-0 EC number: 200-661-7 REACH registration number: 01-

2119457558-25-xxxx

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 2 - H225 F;R11 Xi;R36 R67

Eye Irrit. 2 - H319 STOT SE 3 - H336

XYLENE 5-10%

CAS number: 1330-20-7 EC number: 215-535-7 REACH registration number: 01-

2119488216-32-XXXX

Classification Classification (67/548/EEC or 1999/45/EC)

Flam. Liq. 3 - H226 Xn;R20/21. Xi;R38. R10.

Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3

STOT RE 2 - H373 Asp. Tox. 1 - H304

TRIETHYLENETETRAMINE <1%

CAS number: 112-24-3 EC number: 203-950-6

Classification Classification (67/548/EEC or 1999/45/EC)

Acute Tox. 4 - H302 C;R34 Xn;R21 R43 R52/53

Acute Tox. 4 - H312 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Chronic 3 - H412

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**Composition comments** Aerosol propelled by Dimethyl Ether.

# SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation** Remove person to fresh air and keep comfortable for breathing. Get medical attention

immediately.

Ingestion Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention

immediately.

**Skin contact** Wash skin thoroughly with soap and water.

Eye contact Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get

medical attention.

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

**Inhalation** Vapours may cause drowsiness and dizziness.

**Ingestion** Aspiration hazard if swallowed.

**Skin contact** Repeated exposure may cause skin dryness or cracking.

**Eye contact** Causes serious eye damage.

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

allow the eyelids to separate. If adhesive bonding occurs, prise the skin apart slowly, working

from the edge of the bonded area. This can be eased by using warm soapy water.

# SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media Foam, carbon dioxide or dry powder.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

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

Specific hazards Extremely flammable aerosol. Pressurised container: may burst if heated

Hazardous combustion

products

Thermal decomposition or combustion products may include the following substances:

Carbon monoxide (CO). Carbon dioxide (CO2).

### 5.3. Advice for firefighters

Protective actions during

firefighting

Use water to keep fire exposed containers cool and disperse vapours.

### SECTION 6: Accidental release measures

# 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation.

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurised contents and propellant. Wash thoroughly after dealing

with a spillage.

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. Provide adequate ventilation. Absorb small quantities with

paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Wash thoroughly after dealing with a

spillage.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

### **DENTAL TRAY ADHESIVE**

Usage precautions Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames

and other ignition sources. No smoking. Do not pierce or burn, even after use. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate ventilation. Do not expose to temperatures exceeding 50°C/122°F. Wear protective clothing, gloves, eye and

face protection. Wash hands thoroughly after handling.

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

Storage precautions Store at temperatures between 4°C and 40°C. Keep away from heat, hot surfaces, sparks,

open flames and other ignition sources. No smoking.

**Storage class** Flammable compressed gas storage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

### Occupational exposure limits

### **DIMETHYL ETHER**

Long-term exposure limit (8-hour TWA): WEL 400 ppm 766 mg/m<sup>3</sup> Short-term exposure limit (15-minute): WEL 500 ppm 985 mg/m<sup>3</sup>

#### **PENTANE**

Long-term exposure limit (8-hour TWA): WEL 600 ppm 1800 mg/m<sup>3</sup>

### PROPAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³ Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

### **XYLENE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m3(Sk)

WEL = Workplace Exposure Limit

Ingredient comments WEL = Workplace Exposure Limits

# DIMETHYL ETHER (CAS: 115-10-6)

**DNEL** Workers - Inhalation; Long term systemic effects: 1894 mg/m³

Consumer - Inhalation; Long term systemic effects: 471 mg/m<sup>3</sup>

PNEC - Fresh water; 0.155 mg/l

Marine water; 0.016 mg/lIntermittent release; 1549 mg/l

- STP; 160 mg/l

Sediment (Freshwater); 0.681 mg/lSediment (Marinewater); 0.069 mg/l

- Soil; 0.045 mg/l

# PENTANE (CAS: 109-66-0)

**DNEL** Workers - Dermal; Long term systemic effects: 432 mg/kg/day

Workers - Inhalation; Long term systemic effects: 3000 mg/m³ Consumer - Oral; Long term systemic effects: 214 mg/kg/day Consumer - Dermal; Long term systemic effects: 214 mg/kg/day Consumer - Inhalation; Long term systemic effects: 643 mg/m³

PNEC - water; 0.23 mg/l

Sediment; 1.2 mg/kgSoil; 0.55 mg/kgSTP; 3.60 mg/l

# PROPAN-2-OL (CAS: 67-63-0)

**DNEL** Industry - Dermal; Long term systemic effects: 888 mg/kg/day

Industry - Inhalation; Long term systemic effects: 500 mg/m³ Consumer - Dermal; Long term systemic effects: 319 mg/kg/day Consumer - Oral; Long term systemic effects: 26 mg/kg/day Consumer - Inhalation; Long term systemic effects: 89 mg/m³

PNEC - Fresh water; 140.9 mg/l

Marine water; 140.9 mg/l
Intermittent release; 140.9 mg/l
Sediment (Freshwater); 552 mg/kg
Sediment (Marinewater); 552 mg/kg

- STP; 2251 mg/l - Soil; 28 mg/kg

### XYLENE (CAS: 1330-20-7)

**DNEL** Industry - Inhalation; Short term : 442 mg/m³

Industry - Inhalation; Long term : 221 mg/m³ Industry - Dermal; Long term : 3182 mg/kg/day Consumer - Inhalation; Short term : 260 mg/m³ Consumer - Inhalation; Long term : 65.3 mg/m³ Consumer - Dermal; : 1872 mg/kg/day Consumer - Oral; Long term : 12.5 mg/kg/day

PNEC - Fresh water; 0.327 mg/l

Marine water; 0.327 mg/lSediment (Freshwater); 12.46Sediment (Marinewater); 12.46 mg/l

Soil; 2.31 mg/kgSTP; 6.58 mg/l

# TRIETHYLENETETRAMINE (CAS: 112-24-3)

**DNEL** Workers - Inhalation; Short term systemic effects: 5380 mg/m³

Workers - Inhalation; Long term systemic effects: 1 mg/m³ Workers - Dermal; Long term systemic effects: 0.57 mg/m³

Workers - Dermal; local effects: 0.028 mg/m³

PNEC - Sediment (Freshwater); mg/kg

# 8.2. Exposure controls

## Protective equipment







Appropriate engineering controls

Provide adequate ventilation.

# **DENTAL TRAY ADHESIVE**

Eye/face protection Eyewear complying with an approved standard should be worn if a risk assessment indicates

eye contact is possible. The following protection should be worn: Tight-fitting safety glasses.

Hand protection Chemical-resistant, impervious gloves complying with an approved standard should be worn if

a risk assessment indicates skin contact is possible.

Wash hands thoroughly after handling. Hygiene measures

### SECTION 9: Physical and Chemical Properties

# 9.1. Information on basic physical and chemical properties

**Appearance** Aerosol. Odour Solvent.

pН Not applicable.

Flash point approx. -40°C CC (Closed cup).

9.2. Other information

Other information Not determined.

# SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

### 10.3. Possibility of hazardous reactions

Possibility of hazardous

reactions

Not determined.

# 10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

No specific material or group of materials is likely to react with the product to produce a Materials to avoid

hazardous situation.

# 10.6. Hazardous decomposition products

Hazardous decomposition

products

Thermal decomposition or combustion products may include the following substances:

Carbon dioxide (CO2). Carbon monoxide (CO).

### SECTION 11: Toxicological information

# 11.1. Information on toxicological effects

Acute toxicity - dermal

ATE dermal (mg/kg) 19,837.21812188

Aspiration hazard

Aspiration hazard Kinematic viscosity ≤ 20.5 mm<sup>2</sup>/s. Aspiration hazard if swallowed.

Inhalation Vapours may cause drowsiness and dizziness.

Ingestion Aspiration hazard if swallowed.

# **DENTAL TRAY ADHESIVE**

**Skin contact** Repeated exposure may cause skin dryness or cracking.

**Eye contact** Causes serious eye damage.

Toxicological information on ingredients.

### DIMETHYL ETHER

**Inhalation** Vapours may cause drowsiness and dizziness.

**Ingestion** Gastrointestinal symptoms, including upset stomach.

**Skin contact** Repeated exposure may cause skin dryness or cracking.

**Eye contact** Irritation of eyes and mucous membranes.

**PENTANE** 

Acute toxicity - oral

Acute toxicity oral (LD₅o

•

mg/kg)

**Species** Rat

**ATE oral (mg/kg)** 2,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 2,001.0

mg/kg)

2,001.0

2,001.0

**Species** Rabbit

**ATE dermal (mg/kg)** 2,001.0

Acute toxicity - inhalation

Acute toxicity inhalation

6.0

(LC<sub>50</sub> vapours mg/l)

**Species** Rat

Carcinogenicity

Carcinogenicity No information available.

Reproductive toxicity

Reproductive toxicity -

No information available.

fertility

Reproductive toxicity -

No information available.

development

Specific target organ toxicity - single exposure

**STOT - single exposure** No information available.

Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

PROPAN-2-OL

Acute toxicity - oral

# **DENTAL TRAY ADHESIVE**

Acute toxicity oral (LD50

mg/kg)

4,700.0

Species Rat

ATE oral (mg/kg) 4,700.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 16.4

mg/kg)

Species Rabbit

**XYLENE** 

Acute toxicity - oral

Acute toxicity oral (LD50

mg/kg)

3,523.0

**Species** Rat

**ATE oral (mg/kg)** 3,523.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 1,700.0

mg/kg)

1,700.0

Species Rat

Notes (dermal LD50)

ATE dermal (mg/kg) 1,700.0

Acute toxicity - inhalation

Acute toxicity inhalation

(LC<sub>50</sub> gases ppmV)

5,000.0

**Species** Rat

ATE inhalation (gases

•

5,000.0

Specific target organ toxicity - repeated exposure

Target organs Central nervous system Liver Kidneys

.

ppm)

Inhalation Harmful by inhalation. Gas or vapour in high concentrations may irritate the

respiratory system. Central nervous system depression.

**Ingestion** May cause irritation. Symptoms following overexposure may include the following:

Stomach pain. Nausea, vomiting. Diarrhoea.

**Skin contact** Harmful in contact with skin. Irritating to skin.

Eye contact Vapour or spray may cause temporary (reversible) eye damage.

TRIETHYLENETETRAMINE

Acute toxicity - oral

# **DENTAL TRAY ADHESIVE**

Acute toxicity oral (LD50

mg/kg)

2,001.0

**Species** Rat

ATE oral (mg/kg) 500.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 1,465.4

mg/kg)

**Species** Rabbit

ATE dermal (mg/kg) 1,465.4

# **SECTION 12: Ecological Information**

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

# **DIMETHYL ETHER**

**Ecotoxicity** The product is not expected to be toxic to aquatic organisms.

PROPAN-2-OL

**Ecotoxicity** The product is not expected to be toxic to aquatic organisms.

12.1. Toxicity

Acute toxicity - fish Not determined.

Ecological information on ingredients.

### **DIMETHYL ETHER**

Acute toxicity - fish LC<sub>50</sub>, 96 hour: 4001 mg/l, Poecilia reticulata (Guppy)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hour: 4001 mg/l, Daphnia magna LC<sub>50</sub>, 48 hour: 755549 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

LC<sub>50</sub>, 96 hour: 154.9 mg/l, Algae

**PENTANE** 

Acute toxicity - fish LC<sub>50</sub>, 96 hours: 4.26 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 2.7 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC<sub>50</sub>, : 10.7 mg/l, Freshwater algae

PROPAN-2-OL

**Toxicity** Not considered toxic to fish.

Acute toxicity - fish LC50, 96 hours, 96 hours: 9640 mg/l, Pimephales promelas (Fat-head Minnow)

# **DENTAL TRAY ADHESIVE**

Acute toxicity - aquatic

EC<sub>50</sub>, : 9714 mg/l, Daphnia magna

invertebrates

EC<sub>50</sub>, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic

EC<sub>50</sub>, 72 hours, 72 hours: > 100 mg/l, Scenedesmus subspicatus plants IC<sub>50</sub>, 72 hours: >100 mg/l, Algae

**XYLENE** 

Acute toxicity - fish LC50, 96 hours, 96 hours: 4.2 mg/l, Onchorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours, 48 hours: > 2.93 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

IC<sub>50</sub>, 72 hours: 2.2 mg/l, Algae

### 12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

Ecological information on ingredients.

# DIMETHYL ETHER

Persistence and

degradability

The product is expected to be biodegradable.

**PENTANE** 

Persistence and

degradability

The product is expected to be biodegradable.

PROPAN-2-OL

Persistence and

degradability

The product is readily biodegradable.

**XYLENE** 

Persistence and

degradability

The product is readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product is not bioaccumulating.

Ecological information on ingredients.

DIMETHYL ETHER

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

PROPAN-2-OL

Bioaccumulative potential The product is not bioaccumulating.

**XYLENE** 

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

# **DENTAL TRAY ADHESIVE**

Partition coefficient Pow: 3.2

12.4. Mobility in soil

Mobility The product is insoluble in water. The product contains volatile organic compounds (VOCs)

which will evaporate easily from all surfaces.

Ecological information on ingredients.

**DIMETHYL ETHER** 

Mobility The product contains volatile organic compounds (VOCs) which will evaporate

easily from all surfaces.

PROPAN-2-OL

**Mobility** The product is soluble in water.

12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB**This product does not contain any substances classified as PBT or vPvB.

assessment

Ecological information on ingredients.

DIMETHYL ETHER

Results of PBT and vPvB This product does not contain any substances classified as PBT or vPvB.

assessment

PROPAN-2-OL

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.

assessment

**XYLENE** 

Results of PBT and vPvB This substance is not classified as PBT or vPvB according to current EU criteria.

assessment

12.6. Other adverse effects

Other adverse effects Not determined.

Ecological information on ingredients.

DIMETHYL ETHER

Other adverse effects Not determined.

PROPAN-2-OL

Other adverse effects Not available.

**SECTION 13: Disposal considerations** 

13.1. Waste treatment methods

**Disposal methods**Dispose of waste to licensed waste disposal site in accordance with the requirements of the

local Waste Disposal Authority.

SECTION 14: Transport information

# 14.1. UN number

UN No. (ADR/RID) 1950 UN No. (IMDG) 1950 UN No. (ICAO) 1950 UN No. (ADN) 1950

# 14.2. UN proper shipping name

Proper shipping name

**AEROSOLS** 

(ADR/RID)

Proper shipping name

**AEROSOLS** 

(IMDG)

Proper shipping name (ICAO) AEROSOLS

Proper shipping name (ADN) AEROSOLS

### 14.3. Transport hazard class(es)

ADR/RID class 2.1

IMDG class 2.1

ICAO class/division 2.1

### Transport labels



# 14.4. Packing group

ADR/RID packing group 5F

## 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

# 14.6. Special precautions for user

Tunnel restriction code (D)

# 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

**Transport in bulk according to** Not applicable. **Annex II of MARPOL 73/78** 

Alliex II of MARPOL 13/1

and the IBC Code

# SECTION 15: Regulatory information

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

National regulations The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as

amended).

**EU legislation** Commission Regulation (EU) No 453/2010 of 20 May 2010.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as

amended).

Guidance Workplace Exposure Limits EH40.

### 15.2. Chemical safety assessment

### **SECTION 16: Other information**

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision date 15/01/2016

Revision 2.1

SDS number

Supersedes date 26/05/2015

Risk phrases in full R10 Flammable.

R11 Highly flammable. R12 Extremely flammable.

R20/21 Harmful by inhalation and in contact with skin.

R36 Irritating to eyes. R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

14538

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Hazard statements in full EUH208 Contains TRIETHYLENETETRAMINE. May produce an allergic reaction.

H220 Extremely flammable gas.

H222 Extremely flammable aerosol.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H229 Pressurised container: may burst if heated

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

H411 Toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.