

# SAFETY DATA SHEET A00084

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

A00084 Product name Product number A00084

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

Identified uses Adhesive.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier

APOLLO CHEMICALS LTD

SANDY WAY

AMINGTON INDUSTRIAL ESTATE

**TAMWORTH STAFFS** B77 4DS

T: +44 (0) 1827 54281 F: +44 (0) 1827 53030 E: sds@apolloadhesives.com

1.4. Emergency telephone number

**Emergency telephone** +44 01827 69662 (NOT 24HRS)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1

- H317 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373

**Environmental hazards** Not Classified

1999/45/EC)

Classification (67/548/EEC or Xn;R20,R48/20. Carc. Cat. 3;R40. R42/43. Xi;R36/37/38.

Human health The liquid may be irritating to skin. Contains non-volatile isocyanate. Heating may generate

vapours which irritate the respiratory system. May cause allergy or asthma symptoms or

breathing difficulties if inhaled.

**Physicochemical** Vapours are heavier than air and may travel along the floor and accumulate in the bottom of

containers.

2.2. Label elements

#### A00084

#### **Pictogram**





Signal word Danger

Hazard statements 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. H336 May cause drowsiness or dizziness. H351 Suspected of causing cancer.

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

**Precautionary statements** EUH204 Contains isocyanates. May produce an allergic reaction.

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

P281 Use personal protective equipment as required.

P284 [In case of inadequate ventilation] wear respiratory protection.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

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

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

P313 Get medical advice/ attention.

P314 Get medical advice/ attention if you feel unwell.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

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

Carc. Cat. 3;R40

Contains DICHLOROMETHANE, METHYLENEDIPHENYL DIISOCYANATE, ETHYL ACETATE

## 2.3. Other hazards

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

# SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

**DICHLOROMETHANE** 30-60%

CAS number: 75-09-2 EC number: 200-838-9 REACH registration number: 01-

2119480404-41-0000

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

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351

STOT SE 3 - H335, H336

STOT RE 2 - H373

#### A00084

METHYLENEDIPHENYL DIISOCYANATE

30-60%

CAS number: 26447-40-5 EC number: 247-714-0 REACH registration number: 01-

2119457014-47

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

Acute Tox. 4 - H332 Carc. Cat. 3;R40 Xn;R20,R48/20 Xi;R36/37/38 R42/43

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Resp. Sens. 1 - H334 Skin Sens. 1 - H317 Carc. 2 - H351 STOT SE 3 - H335 STOT RE 2 - H373

ETHYL ACETATE 10-30%

CAS number: 141-78-6 EC number: 205-500-4 REACH registration number: 01-

2119475103-46-0017

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

Flam. Liq. 2 - H225 F;R11 Xi;R36 R66 R67

Eye Irrit. 2 - H319 STOT SE 3 - H336

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

# SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information** Remove affected person from source of contamination.

**Inhalation** Move affected person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion** DO NOT induce vomiting. Get medical attention immediately.

Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical

attention if any discomfort continues.

Eye contact Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide

apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after

washing. Show this Safety Data Sheet to the medical personnel.

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

General information The severity of the symptoms described will vary dependent on the concentration and the

length of exposure.

Inhalation Irritation of nose, throat and airway. Coughing, chest tightness, feeling of chest pressure.

**Ingestion** May cause discomfort if swallowed.

**Skin contact** Prolonged skin contact may cause redness and irritation.

**Eye contact** Severe irritation, burning and tearing.

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

Notes for the doctor 
No specific recommendations. If in doubt, get medical attention promptly.

### SECTION 5: Firefighting measures

#### A00084

#### 5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide, dry powder or water fog.

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 The product is non-combustible. Irritating gases or vapours. Not known.

Hazardous combustion

products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or

vapours. Oxides of carbon. Oxides of nitrogen.

#### 5.3. Advice for firefighters

Protective actions during firefighting

Containers close to fire should be removed or cooled with water. Do not allow water to contact

any leaked material.

Special protective equipment for firefighters

Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus

(SCBA) and appropriate protective clothing.

#### SECTION 6: Accidental release measures

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

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

#### 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

Absorb spillage with non-combustible, absorbent material. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses.

#### 6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet.

#### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions Avoid inhalation of vapours and spray/mists. Avoid contact with skin and eyes. Do not use in

confined spaces without adequate ventilation and/or respirator. Spraying is permitted only in

closed systems, spray cabinets or spray boxes with adequate ventilation.

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

**Storage precautions** Store in closed original container at temperatures between 5°C and 25°C.

Storage class Chemical 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

**DICHLOROMETHANE** 

#### A00084

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 350 mg/m3(Sk) Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 1060 mg/m3(Sk)

#### METHYLENEDIPHENYL DIISOCYANATE

Long-term exposure limit (8-hour TWA): WEL 0.02 mg/m3(Sen) Short-term exposure limit (15-minute): WEL 0.07 mg/m3(Sen)

#### **ETHYL ACETATE**

Long-term exposure limit (8-hour TWA): WEL 200 ppm Short-term exposure limit (15-minute): WEL 400 ppm

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

# **DICHLOROMETHANE (CAS: 75-09-2)**

Ingredient comments WEL = Workplace Exposure Limits

**DNEL** Consumer - Dermal; Short term systemic effects: 353 mg/m³

Workers - Dermal; Short term systemic effects: 706 mg/m<sup>3</sup>

PNEC - Fresh water; 0.54 mg/l

Sediment (Freshwater); 4.47 mg/kg
Intermittent release; 0.27 mg/l
Sediment (Marinewater); 1.61 mg/kg

- Marine water; 0.194 mg/l

STP; 26 mg/lSoil; 0.583 mg/kg

#### METHYLENEDIPHENYL DIISOCYANATE (CAS: 26447-40-5)

Ingredient comments WEL = Workplace Exposure Limits

**DNEL** Workers - Dermal; Short term systemic effects: 50 mg/kg

Workers - Inhalation; Short term systemic effects: 0.1 mg/m³ Workers - Dermal; Short term local effects: 28.7 mg/cm² Workers - Inhalation; Short term local effects: 0.1 mg/m³ Workers - Inhalation; Long term systemic effects: 0.05 mg/m³ Workers - Inhalation; Long term local effects: 0.05 mg/m³

General population - Dermal; Short term systemic effects: 25 mg/kg General population - Inhalation; Short term systemic effects: 0.05 mg/m³ General population - Oral; Short term systemic effects: 20 mg/kg General population - Dermal; Short term local effects: 17.2 mg/cm² General population - Inhalation; Short term local effects: 0.05 mg/m³ General population - Inhalation; Long term systemic effects: 0.025 mg/m³ General population - Inhalation; Long term local effects: 0.025 mg/m³

PNEC - Fresh water; 1 mg/l

Marine water; 0.1 mg/lSoil; 1 mg/kg dry weight

- STP; 1 mg/l

ETHYL ACETATE (CAS: 141-78-6)

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**DNEL** Workers - Inhalation; Short term systemic effects: 1468 mg/m³

Workers - Inhalation; Short term local effects: 1468 mg/m³ Consumer - Inhalation; Short term systemic effects: 734 mg/m³ Consumer - Inhalation; Short term local effects: 374 mg/m³ Workers - Inhalation; Long term local effects: 734 mg/m³ Workers - Dermal; Long term systemic effects: 63 mg/kg bw/day Workers - Inhalation; Long term systemic effects: 734 mg/m³

Consumer - Dermal; Long term systemic effects: 37 mg/kg bw/day Consumer - Inhalation; Long term systemic effects: 367 mg/m³ Consumer - Oral; Long term systemic effects: 4.5 mg/kg bw/day

Consumer - Inhalation; Long term local effects: 367 mg/m<sup>3</sup>

PNEC - Fresh water; 0.26 mg/l

Marine water; 0.026 mg/l
Intermittent release; 1.65 mg/l
Sediment (Freshwater); 1.25 mg/kg
Sediment (Marinewater); 0.125 mg/kg

Soil; 0.24 mg/kgSTP; 650 mg/l

#### 8.2. Exposure controls

#### Protective equipment













Appropriate engineering controls

Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

**Eye/face protection** Wear chemical splash goggles.

Hand protection It is recommended that gloves are made of the following material: Nitrile rubber. It should be

noted that liquid may penetrate the gloves. Frequent changes are recommended.

Other skin and body

protection

Wear suitable protective clothing as protection against splashing or contamination. Wear

apron or protective clothing in case of contact.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Wash

hands after handling. When using do not eat, drink or smoke.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator

fitted with the following cartridge: Combination filter, type A2/P3. When spraying, wear a

suitable supplied-air respirator.

Environmental exposure

controls

Odour

Keep container tightly sealed when not in use.

# **SECTION 9: Physical and Chemical Properties**

#### 9.1. Information on basic physical and chemical properties

**Appearance** Colourless to pale yellow liquid.

Characteristic.

Colour Various colours.

#### A00084

Odour thresholdNot available.pHNot available.Melting pointNot available.

Initial boiling point and range 39-40C°C @

Flash point Technically not feasible.

Evaporation rate Not available.

Evaporation factor Not available.

Flammability (solid, gas) Not available.

Upper/lower flammability or

explosive limits

Not applicable.

Other flammability Not available.

Vapour pressure Not available.

Vapour density Not available.

Relative density 1.18

Bulk density Not available.

Solubility(ies) Insoluble in water.

Partition coefficientNot available.Auto-ignition temperatureNot applicable.Decomposition TemperatureNot available.

**Viscosity** Kinematic viscosity > 20.5 mm<sup>2</sup>/s.

**Explosive properties** Not available.

Explosive under the influence

of a flame

Not considered to be explosive.

Oxidising properties Not available.

**Comments** Information given is applicable to the product as supplied.

9.2. Other information

Other information No information required.

Refractive index

Particle size

Not available.

Molecular weight

Not available.

Volatility

Not available.

Saturation concentration

Not available.

Critical temperature

Not available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** The product will harden into a solid mass in contact with water and moisture.

#### A00084

### 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 known. May polymerise. Avoid heat.

10.4. Conditions to avoid

Conditions to avoid Water, moisture.

10.5. Incompatible materials

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

hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or

**products** vapours. Oxides of carbon. Oxides of nitrogen.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity - inhalation

ATE inhalation (gases ppm) 15,000.0

ATE inhalation (vapours mg/l) 36.67

ATE inhalation (dusts/mists 5.0

mg/l)

## **DICHLOROMETHANE**

Acute toxicity - oral

Acute toxicity oral (LD50

2,000.0

mg/kg)

Species Rat

Acute toxicity - inhalation

Acute toxicity inhalation

86.0

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

Species Rat

ATE inhalation (vapours

mg/l)

86.0

### METHYLENEDIPHENYL DIISOCYANATE

Acute toxicity - oral

Acute toxicity oral (LD₅o

10,000.0

mg/kg)

Species Rat

**ATE oral (mg/kg)** 10,000.0

Acute toxicity - dermal

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Acute toxicity dermal (LD<sub>50</sub> 9,400.0

mg/kg)

Species Rabbit

Skin corrosion/irritation

**Skin corrosion/irritation** Skin irritation.

Animal data Irritating.

Serious eye damage/irritation

Serious eye

Moderately irritating.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation Sensitising.

Skin sensitisation

Skin sensitisation Sensitising.

Carcinogenicity

**Carcinogenicity** Suspected carcinogen based on limited evidence.

Target organ for

No specific target organs known.

carcinogenicity

Reproductive toxicity

Reproductive toxicity -

development

This substance has no evidence of toxicity to reproduction.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Morphological changes that are potentially reversible but provide clear evidence of

marked organ dysfunction.

Aspiration hazard

Aspiration hazard Not anticipated to present an aspiration hazard, based on chemical structure.

.

**Inhalation** Irritating to respiratory system. May cause sensitisation by inhalation.

**Ingestion** May cause stomach pain or vomiting.

**Skin contact** Irritating to skin. May cause sensitisation by skin contact.

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

Acute and chronic health

hazards

May cause sensitisation by skin contact. The product contains small quantities of isocyanate. May cause respiratory allergy. May cause respiratory system irritation.

May cause respiratory system irritation. Frequent inhalation of vapours may cause

respiratory allergy.

Route of entry Inhalation Skin and/or eye contact

Medical symptoms Irritation of eyes and mucous membranes. Coughing, chest tightness, feeling of

chest pressure.

**Medical considerations** Chronic respiratory and obstructive airway diseases.

#### ETHYL ACETATE

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Acute toxicity - oral

Acute toxicity oral (LD₅o

mg/kg)

4,100.0

**Species** Mouse

ATE oral (mg/kg) 4,100.0

Acute toxicity - dermal

Acute toxicity dermal (LD<sub>50</sub> 20,000.0

mg/kg)

**Species** Rabbit

ATE dermal (mg/kg) 20,000.0

Acute toxicity - inhalation

Acute toxicity inhalation

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

30.0

**Species** Rat

ATE inhalation (vapours

mg/l)

30.0

### 2,2'DIMORPHOLINYLDIETHYL ETHER

Acute toxicity - oral

Notes (oral LD₅₀) No information available.

Acute toxicity - dermal

Notes (dermal LD₅₀) No information available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) No information available.

Skin corrosion/irritation

Skin corrosion/irritation No information available.

Serious eye damage/irritation

Serious eye

No information available.

damage/irritation

Respiratory sensitisation

Respiratory sensitisation No information available.

Skin sensitisation

Skin sensitisation No information available.

Carcinogenicity

IARC carcinogenicity No component of this product present at levels greater than or equal to 0.1% is

identified as probable, possible or confirmed human carcinogen by IARC.

Inhalation May be harmful if inhaled. Spray/mists may cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

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Skin contact May be absorbed through the skin. May be harmful in contact with skin. May cause

skin irritation.

**Eye contact** May cause eye irritation.

**SECTION 12: Ecological Information** 

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

METHYLENEDIPHENYL DIISOCYANATE

**Ecotoxicity** The product is not expected to be hazardous to the environment.

12.1. Toxicity

**DICHLOROMETHANE** 

Acute toxicity - fish LC50, 96 hours: > 93 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 27 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

IC<sub>50</sub>, 72 hours: 550 mg/l, Fish

METHYLENEDIPHENYL DIISOCYANATE

Acute toxicity - fish LCo, 96 hours: 1000 mg/l, Brachydanio rerio (Zebra Fish)

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 24 hours: 1000 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

ECo, 72 hours: 1640 mg/l, Scenedesmus subspicatus

Acute toxicity -

microorganisms

EC<sub>50</sub>, 3 hours: 100 mg/l, Activated sludge

Chronic toxicity - aquatic

invertebrates

NOEC, 21 days: 10 mg/l, Daphnia magna

ETHYL ACETATE

Acute toxicity - fish EC<sub>50</sub>, 48 hours: 610 mg/l, Algae

LC<sub>50</sub>, 96 hours: 230 mg/l, Algae

Acute toxicity - aquatic

invertebrates

EC<sub>50</sub>, 48 hours: 11.5 mg/l, Daphnia magna

Acute toxicity - aquatic

plants

EC<sub>50</sub>, 48 hours: 5600 mg/l, Fish

12.2. Persistence and degradability

METHYLENEDIPHENYL DIISOCYANATE

Persistence and degradability

The product is not readily biodegradable.

#### A00084

Stability (hydrolysis) Reacts with water.

Biological oxygen demand < 10 g O<sub>2</sub>/g substance

12.3. Bioaccumulative potential

Partition coefficient Not available.

**DICHLOROMETHANE** 

Bioaccumulative potential The product is not bioaccumulating.

Partition coefficient Not available.

METHYLENEDIPHENYL DIISOCYANATE

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

Partition coefficient Not available.

**ETHYL ACETATE** 

Bioaccumulative potential BCF: 30,

Partition coefficient Not available.

12.4. Mobility in soil

**DICHLOROMETHANE** 

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

easily from all surfaces.

METHYLENEDIPHENYL DIISOCYANATE

**Mobility** The product is non-volatile.

ETHYL ACETATE

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

easily from all surfaces.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB TI

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

assessment

**DICHLOROMETHANE** 

Results of PBT and vPvB

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

assessment

METHYLENEDIPHENYL DIISOCYANATE

Results of PBT and vPvB

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

assessment

ETHYL ACETATE

#### A00084

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

### 12.6. Other adverse effects

Other adverse effects Not applicable.

#### **DICHLOROMETHANE**

Other adverse effects Not applicable.

### **ETHYL ACETATE**

Other adverse effects Not known.

# SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

General information Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site

in accordance with the requirements of the local Waste Disposal Authority.

**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)** 2810

**UN No. (IMDG)** 2810

**UN No. (ICAO)** 2810

**UN No. (ADN)** 2810

# 14.2. UN proper shipping name

Proper shipping name

TOXIC LIQUID, ORGANIC, N.O.S.

(ADR/RID)

Proper shipping name (IMDG) TOXIC LIQUID, ORGANIC, N.O.S.

 $\begin{tabular}{ll} \textbf{Proper shipping name (ICAO)} & TOXIC LIQUID, ORGANIC, N.O.S. \\ \end{tabular}$ 

**Proper shipping name (ADN)** TOXIC LIQUID, ORGANIC, N.O.S.

# 14.3. Transport hazard class(es)

ADR/RID class 6.1

ADR/RID classification code T1

ADR/RID label 6.1

IMDG class 6.1

ICAO class/division 6.1

ADN class 6.1

#### A00084

### Transport labels



### 14.4. Packing group

ADR/RID packing group III

IMDG packing group III

ADN packing group III

ICAO packing group III

### 14.5. Environmental hazards

#### Environmentally hazardous substance/marine pollutant

No.

#### 14.6. Special precautions for user

**EmS** F-A, S-A

ADR transport category 2

Hazard Identification Number 60

(ADR/RID)

Tunnel restriction code (E)

## 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

# SECTION 15: Regulatory information

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

**EU legislation** 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).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

# SECTION 16: Other information

General information Only trained personnel should use this material.

**Revision date** Compliance 01/06/2015

Revision 20

**Risk phrases in full** R11 Highly flammable.

R20 Harmful by inhalation. R36 Irritating to eyes.

R36/37/38 Irritating to eyes, respiratory system and skin.

R40 Limited evidence of a carcinogenic effect.

R42/43 May cause sensitisation by inhalation and skin contact.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through

inhalation.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

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Hazard statements in full H225 Highly flammable liquid and vapour.

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. H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

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

Store Between 5'c - 25'c

Contains SVHC NO

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.