



## SAFETY DATA SHEET

### A08513

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

**Product name** A08513

**Product number** A08513,FP-000794,FP-000797

##### 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

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H336 STOT RE 2 - H373

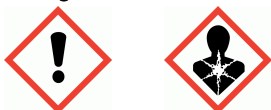
**Environmental hazards** Not Classified

**Classification (67/548/EEC or 1999/45/EC)** Carc. Cat. 3;R40.

**Human health** Vapours and spray/mists in high concentrations are narcotic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Nausea, vomiting.

##### 2.2. Label elements

###### Pictogram



**Signal word** Warning

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<b>Hazard statements</b>	<p>H315 Causes skin irritation.</p> <p>H319 Causes serious eye irritation.</p> <p>H336 May cause drowsiness or dizziness.</p> <p>H351 Suspected of causing cancer.</p> <p>H373 May cause damage to organs through prolonged or repeated exposure.</p>
<b>Precautionary statements</b>	<p>P260 Do not breathe vapours.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P281 Use personal protective equipment as required.</p> <p>P284 [In case of inadequate ventilation] wear respiratory protection.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P313 Get medical advice/attention.</p> <p>P501 Dispose of contents/container in accordance with national regulations.</p>
<b>Contains</b>	DICHLOROMETHANE

**2.3. Other hazards****SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>DICHLOROMETHANE</b>	<b>60-100%</b>
CAS number: 75-09-2	EC number: 200-838-9
	REACH registration number: 01-2119480404-41-0000
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335, H336 STOT RE 2 - H373	<b>Classification (67/548/EEC or 1999/45/EC)</b> Carc. Cat. 3;R40

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**

<b>General information</b>	Remove affected person from source of contamination.
<b>Inhalation</b>	Move affected person to fresh air at once.
<b>Ingestion</b>	DO NOT induce vomiting. Get medical attention immediately.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	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**

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Vapours may cause drowsiness and dizziness. Irritation of nose, throat and airway.
<b>Ingestion</b>	May cause chemical burns in mouth and throat.
<b>Skin contact</b>	Prolonged skin contact may cause redness and irritation.

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**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****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. Toxic gases or vapours. No unusual fire or explosion hazards noted.

**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 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** Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Absorb spillage with non-combustible, absorbent material.

**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** Eliminate all sources of ignition. Vapours may accumulate on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Avoid inhalation of vapours and spray/mists.

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

**Storage precautions** Keep away from heat, sparks and open flame. Store in closed original container at temperatures between 5°C and 25°C.

**Storage class** Chemical storage.

**7.3. Specific end use(s)**

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**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

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 350 mg/m<sup>3</sup>(Sk)

Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 1060 mg/m<sup>3</sup>(Sk)

WEL = Workplace Exposure Limit

**Ingredient comments** WEL = Workplace Exposure Limits

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

<b>Ingredient comments</b>	WEL = Workplace Exposure Limits
<b>DNEL</b>	Consumer - Dermal; Short term systemic effects: 353 mg/m <sup>3</sup> Workers - Dermal; Short term systemic effects: 706 mg/m <sup>3</sup>
<b>PNEC</b>	- 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/l - Soil; 0.583 mg/kg

### 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.

#### Eye/face protection

The following protection should be worn: Chemical splash goggles or face shield.

#### 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. For exposure up to 8 hours, wear gloves made of the following material: Viton rubber (fluoro rubber).

#### 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.

#### Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Wear a respirator fitted with the following cartridge: Gas filter, type AX.

#### Environmental exposure controls

Keep container tightly sealed when not in use.

## SECTION 9: Physical and Chemical Properties

**A08513****9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Coloured liquid.
<b>Colour</b>	Various colours.
<b>Odour</b>	Characteristic.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not available.
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	39-40°C @
<b>Evaporation rate</b>	Not available.
<b>Evaporation factor</b>	Not available.
<b>Flammability (solid, gas)</b>	Not available.
<b>Other flammability</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	1.12 @ 20°C
<b>Bulk density</b>	Not available.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Kinematic viscosity > 20.5 mm <sup>2</sup> /s.
<b>Explosive properties</b>	Not available.
<b>Explosive under the influence of a flame</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Not available.
<b>Comments</b>	Information given is applicable to the product as supplied.

**9.2. Other information**

<b>Other information</b>	No information required.
<b>Refractive index</b>	Not available.
<b>Particle size</b>	Not available.
<b>Molecular weight</b>	Not available.
<b>Volatility</b>	Not available.
<b>Saturation concentration</b>	Not available.
<b>Critical temperature</b>	Not available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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**A08513****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 applicable. Not relevant.

**10.4. Conditions to avoid**

**Conditions to avoid** Avoid freezing.

**10.5. Incompatible materials**

**Materials to avoid** Flammable/combustible materials. Strong acids. Strong alkalis.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicological information on ingredients.****DICHLOROMETHANE****Acute toxicity - oral**

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 2,000.0

**Species** Rat

**Acute toxicity - inhalation**

**Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l)** 86.0

**Species** Rat

**ATE inhalation (vapours mg/l)** 86.0

**SECTION 12: Ecological Information****12.1. Toxicity****Ecological information on ingredients.****DICHLOROMETHANE**

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours, 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, Algae

**12.2. Persistence and degradability****12.3. Bioaccumulative potential**

**Partition coefficient** Not available.

**A08513****Ecological information on ingredients.****DICHLOROMETHANE**

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Not available.

**12.4. Mobility in soil**

**Mobility** The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

**Ecological information on ingredients.****DICHLOROMETHANE**

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

**Ecological information on ingredients.****DICHLOROMETHANE**

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

**12.6. Other adverse effects**

**Other adverse effects** Not applicable.

**Ecological information on ingredients.****DICHLOROMETHANE**

**Other adverse effects** Not applicable.

**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. Avoid the spillage or runoff entering drains, sewers or watercourses.

**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**

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**Proper shipping name (ADR/RID)** TOXIC LIQUID, ORGANIC, N.O.S.

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

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

**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

**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

**Emergency Action Code** 2X

**Hazard Identification Number (ADR/RID)** 60

**Tunnel restriction code** (E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 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).  
Control of Pollution Act 1974.  
Control of Substances Hazardous to Health Regulations 2002 (as amended).



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<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
<b>Guidance</b>	Approved Classification and Labelling Guide (Sixth edition) L131.
<b>Authorisations (Title VII Regulation 1907/2006)</b>	No specific authorisations are known for this product.

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

<b>Issued by</b>	Compliance
<b>Revision date</b>	08/06/2016
<b>Revision</b>	21
<b>SDS status</b>	Approved.
<b>Risk phrases in full</b>	R11 Highly flammable. R36 Irritating to eyes. R40 Limited evidence of a carcinogenic effect. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
<b>Hazard statements in full</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. 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.
<b>Store Between</b>	Store Between 5°C - 25°C
<b>Contains SVHC</b>	NO