



# Anglo Adhesives & Services Ltd.

INDUSTRIAL ADHESIVE MANUFACTURERS - CONTRACT FILLING AND PACKAGING

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## SAFETY DATA SHEET ANGLOSOL 1200

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPERATION AND THE COMPANY:

PRODUCT NAME: ANGLOSOL 1200

APPLICATIONS: ADHESIVE

EMERGENCY TELEPHONES: Tel- +44 (0) 1664 480866 Fax- +44 (0) 1664 480963

SUPPLIER: Anglo Adhesives & Services Ltd  
Anglo House, The Airfield,  
Dalby Road, Melton Mowbray,  
Leicestershire, LE13 0BL

### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:	EINECS	CAS No.	CONTENT	SYMBOL	RISK
DICHLOROMETHANE	200-838-9	75-09-2	30-60%	Xn	40
2-PHENOXYETHANOL	204-589-7	122-99-6	1-5%	Xn	22, 36
METHYL METHACRYLATE 37/38, 43	201-297-1	80-62-6	30-60%	F, Xi	11,

The full text for all R-phrases are shown in section 16

### 3. HAZARDS IDENTIFICATION:

Irritating to respiratory system and skin. Limited evidence of a carcinogenic effect. May cause sensitisation by skin contact. Carcinogen Category 3.

### 4. FIRST AID MEASURES:

GENERAL: If medical attention is required present a copy of this datasheet to the physician.

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: DO NOT induce vomiting. Get medical attention immediately. Immediately give a couple of glasses of water or milk provided the victim is fully conscious. NEVER MAKE AND UNCONSCIOUS VICTIM VOMIT OR DRINK FLUIDS.

- SKIN:** Promptly flush contaminated skin with soap or mild detergent and water. Promptly remove clothing if penetrated and flush the skin with water. Get medical attention if irritation persists after washing.
- EYES:** Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.
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## 5. FIRE FIGHTING MEASURES:

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### EXTINGUISHING MEDIA:

Use: Water spray, fog or mist. Carbon dioxide (CO<sub>2</sub>). Dry chemicals, sand, dolomite etc. DO NOT use water if avoidable.

### SPECIAL FIRE FIGHTING PROCEDURES:

Move container from fire area if it can be done without risk. Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to flames with water until well after the fire is out. If risk of water pollution occurs, notify appropriate authorities.

### UNUSUAL FIRE & EXPLOSION HAZARDS:

May explode in a fire. May develop highly toxic or corrosive fumes if heated. Can become flammable in use.

### HAZARDOUS COMBUSTION PRODUCTS:

Fire or high temperatures create: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Phosgene (COCl<sub>2</sub>). Hydrogen chloride (HCl).

### PROTECTIVE MEASURES IN FIRE:

Wear breathing apparatus

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## 6. ACCIDENTAL RELEASE MEASURES:

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### PERSONAL PRECAUTION IN SPILL:

Avoid contact with skin, eyes and clothing. Wear protective clothing when dealing with spillages. Avoid breathing vapours.

### PRECAUTIONS TO PROTECT ENVIRONMENT:

Prevent products access into water courses. Notify authorities if large amounts of the material have entered a watercourse.

### SPILL CLEANUP METHODS:

#### GENERAL.

Stop leak if possible without risk. DO NOT touch spilled material! Clean-up personnel should use respiratory and/or liquid contact protection. Inform Authorities if large amounts are involved.

#### ABSORB.

Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb in vermiculite, dry sand or earth and place into containers. Containers to be collected by waste disposal company.

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## 7. HANDLING AND STORAGE:

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### USAGE PRECAUTIONS:

Read and follow manufacturer's recommendations. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Do not use in confined spaces without adequate ventilation and/or respirator.

### STORAGE PRECAUTIONS:

Keep in cool, dry, ventilated storage and closed containers. Protect from light, including direct sun rays. Keep in original container. Keep separate from food, feedstuffs, fertilizers and other sensitive material.

### STORAGE CRITERIA:

Toxic storage.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
DICHLOROMETHANE	75-09-2	MEL	100 ppm	300 ppm
METHYL METHACRYLATE	80-62-6	OES	50 ppm	100 ppm

### INGREDIENT COMMENTS:

MEL = Maximum Exposure Limit. OES = Occupational Exposure Standard.

### PROTECTIVE EQUIPMENT:



**VENTILATION:** Provide adequate general and local exhaust ventilation.

**RESPIRATORS:** CCROV, CCR with organic vapour cartridge.  
SA, Supplied-air respirator.  
SCBA, Self-contained breathing apparatus.

### PROTECTIVE GLOVES:

Chemical resistant gloves required for prolonged or repeated contact. Polyvinyl alcohol (PVA). Viton rubber (fluor rubber).

### EYE PROTECTION:

Wear splash-proof eye goggles to prevent any possibility of eye contact. Use face shield in case of splash risk.

### OTHER PROTECTION:

Wear appropriate clothing to prevent reasonably probable skin contact.

### HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

<b>APPEARANCE:</b>	Viscous. Liquid.
<b>ODOUR/TASTE:</b>	Characteristic.
<b>SOLUBILITY DESCRIPTION:</b>	Immiscible with water.
<b>BOILING POINT (°C, interval):</b>	40      PRESSURE: 760mmHg
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	1.2      TEMPERATURE (°C): 20
<b>FLASH POINT (°C):</b>	Can become flammable in use.      METHOD:

## 10. STABILITY AND REACTIVITY:

**STABILITY:** Avoid: Contact with peroxides.

### CONDITIONS TO AVOID:

Contact with red hot surfaces, flames and sparks may generate toxic phosgene gas and hydrogen chloride.

### MATERIALS TO AVOID:

Contact with aluminium, magnesium & their alloys may liberate HCl fumes Contact with red hot surfaces, flames & sparks may generate phosgene/HCl

### HAZARDOUS DECOMP. PRODUCTS:

Very toxic gases/vapours/fumes of: Phosgene (COCl<sub>2</sub>). Very corrosive gases/vapours/fumes of: Hydrogen chloride (HCl). Carbon monoxide (CO).

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**11. TOXICOLOGICAL INFORMATION:**

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**HEALTH HAZARDS, GENERAL:**

Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

**INHALATION:** Harmful: possible risk of irreversible effects through inhalation. Vapour may affect central nervous system and cause headache, discomfort, vomiting or intoxication. Irritating to respiratory system. Repeated exposure may cause chronic upper respiratory irritation.

**INGESTION:** Harmful: possible risk of irreversible effects if swallowed. Swallowing concentrated chemical may cause severe internal injury. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

**SKIN:** Harmful: possible risk of irreversible effects in contact with skin. Irritating to skin. Prolonged or repeated exposure may cause severe irritation. May cause sensitisation by skin contact. May cause allergic contact eczema.

**EYES:** Contact with eyes may cause irritation. Spray and vapour in the eyes may cause irritation and smarting.

**SUBSTANCE:** DICHLOROMETHANE

**TOXIC DOSE - LD 50:** 1600 mg/kg (oral rat)

**CARCINOGENIC:** IARC Int. Agency for Cancer Research. Consolidated carcinogen list. Carcinogen Category 3.

**SUBSTANCE:** METHYL METHACRYLATE

**TOXIC DOSE - LD 50:** 1328 mg/kg (ipr-rat)

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**12. ECOLOGICAL INFORMATION:**

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**ECOLOGICAL INFORMATION:**

Not regarded as dangerous for the environment.

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**13. DISPOSAL CONSIDERATIONS:**

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**DISPOSAL METHODS:**

Dispose of in accordance with Local Authority requirements. Contact specialist disposal companies.

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**14. TRANSPORT INFORMATION:**

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**LABEL FOR CONVEYANCE:****ROAD TRANSPORT:**

**UN No. ROAD:**

2810

**ADR CLASS No.:**

Division 6.1: Toxic substances.

**ADR PACK GR.**

III

**HAZARD No. (ADR)**

60 Toxic or slightly toxic substance.

**HAZCHEM CODE:**

3[Z]

**CEFIC TEC(R) No.:**

61GT1-II

**PROPER SHIPPING NAME I:**

Toxic Liquid, Organic, N.O.S. (contains Dichloromethane and Methyl methacrylate)

**ROAD TRANSPORT NOTES:** Packaging Group III  
 Transport category 2  
 Classification Code : T1

**SEA TRANSPORT:**  
 UN No. SEA: 2810  
 IMDG CLASS: 6.1  
 IMDG PACK GR.: III  
 EmS No.: 6.1-02

## 15. REGULATORY INFORMATION:

### LABEL FOR SUPPLY:



**RISK PHRASES:** R-37/38 Irritating to respiratory system and skin.  
 R-40 Limited evidence of a carcinogenic effect.  
 R-43 May cause sensitisation by skin contact.

**SAFETY PHRASES:** P-15 Can become flammable in use.  
 S-24 Avoid contact with skin.  
 S-35 This material and its container must be disposed of in a safe way.  
 S-36/37 Wear suitable protective clothing and gloves.

**UK REGULATORY REFERENCES:** Chemicals (Hazard Information Packaging & Supply) Regulations 2002 (CHIP 3).

**STATUTORY INSTRUMENTS:** Control of Substances Hazardous to Health.

**APPROVED CODE OF PRACTICE:** Safety Data Sheets for Substances and Preparations L62.  
 Classification and Labelling of Substances and Preparations Dangerous for Supply.

**GUIDANCE NOTES:** Occupational Exposure Limits EH40.

## 16. OTHER INFORMATION:

**USER NOTES:** For further information or advice contact our technical service line during regular office hours on 0121-525-4000.  
 This safety data sheet has been compiled for the product as supplied, properties and hazards will vary if the product is diluted with water or mixed with any other material.

**REVISION COMMENTS:** The information contained herein is based on known available data believed to be reliable but does not constitute the users own assessment of the work place risk as required by other Health and Safety Legislation.

**REVISION DATE:** 01-04-03

**REV. No./REPL. SDS GENERATED:** 28-08-02

**SDS No.:** 2

**R-PHRASES (Full Text)**

R-11 Highly flammable.  
R-22 Harmful if swallowed.  
R-36 Irritating to eyes.  
R-40 Limited evidence of a carcinogenic effect.  
R-43 May cause sensitisation by skin contact.  
R-37/38 Irritating to respiratory system and skin.

**SAFETY DATA SHEET STATUS:**

Approved.

**DATE:**

01-04-03

**SIGNATURE:**

Health and Safety Officer.