



# SAFETY DATA SHEET

EASY COAT

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Compilation date: 22/03/2010

Revision date: 18/07/2017

Revision No: 6.1

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

### 1.1. Product identifier

**Product name:** EASY COAT

**Product code:** 132

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

**Use of substance / mixture:** \* Acrylic coating for Air Conditioning Coils PC9a: Coatings and paints, thinners, paint removers.

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

**Company name:** Advanced Engineering Ltd

Guardian House

Stroudley Road

Basingstoke

Hampshire

RG24 8NL

United Kingdom

**Tel:** +44(0)1256460300

**Fax:** +44(0)1256462266

**Email:** sales@advancedengineering.co.uk

### 1.4. Emergency telephone number

**Emergency tel:** Advanced Engineering Ltd (24hr) +44 (0) 1256 854318

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Flam. Aerosol 1: H222; Skin Irrit. 2: H315; STOT SE 3: H336; Eye Irrit. 2: H319; Repr. 2: H361d; STOT RE 2: H373; -: EUH066; -: H229

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs [nervous system] through prolonged or repeated exposure [inhalation (vapour)].

### 2.2. Label elements

**Label elements:**

**Hazard statements:** \* EUH066: Repeated exposure may cause skin dryness or cracking.

H222: Extremely flammable aerosol.

[cont...]

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H229: Pressurised container: May burst if heated

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

H373: May cause damage to organs [nervous system] through prolonged or repeated exposure [inhalation (vapour)].

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard



**Signal words:** Danger

**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.

P260: Do not breathe spray.

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

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 2.3. Other hazards

**Other hazards:** \* Heating may cause an explosion. In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

TOLUENE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-625-9	108-88-3	-	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336	30-50%

[cont...]

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## ACETONE

200-662-2	67-64-1	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	30-50%
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## PROPANE

200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%
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## PARALOID

-	-	-	-	1-10%
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## ISOBUTANE

200-857-2	75-28-5	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10%
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## BUTANE

203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10%
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## SOLVENT GREEN 3

-	128-80-3	-	-	1-10%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 5 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious, check for breathing and apply artificial respiration if necessary. Transfer to hospital as soon as possible.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. The vision may become blurred.

**Ingestion:** \* It is unlikely that this substance will be swallowed due to its physical properties. There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur. There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock.

[cont...]

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**Delayed / immediate effects:** Headaches or general malaise may result. Drowsiness or mental confusion may occur.

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

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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

**Exposure hazards:** Highly flammable. Harmful. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture. In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid. If outside do not approach from downwind.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks. Avoid all incompatible materials in clean-up procedure - see section 10 of SDS.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS. Refer to section 13 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

## 7.3. Specific end use(s)

**Specific end use(s):** \* Acrylic coating for Air Conditioning Coils PC9a: Coatings and paints, thinners, paint removers.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

**TOLUENE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	191 mg/m <sup>3</sup>	384 mg/m <sup>3</sup>	-	-

**ACETONE**

UK	1210 mg/m <sup>3</sup>	3620 mg/m <sup>3</sup>	-	-
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**PROPANE**

UK	1800 mg/m <sup>3</sup>	7200 mg/m <sup>3</sup>	-	-
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**PARALOID**

UK	191 mg/m <sup>3</sup>	574 mg/m <sup>3</sup>	-	-
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**ISOBUTANE**

UK	2400 mg/m <sup>3</sup>	9600 mg/m <sup>3</sup>	-	-
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**BUTANE**

UK	1450 mg/m <sup>3</sup>	1810 mg/m <sup>3</sup>	-	-
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### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** \* Respiratory protection not required.

**Hand protection:** \* Nitrile gloves. EN 374-1:2003

**Eye protection:** \* Tightly fitting safety goggles. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment. Ensure all engineering measures mentioned in section 7 of SDS are in place.

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## Section 9: Physical and chemical properties

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

**State:** Aerosol

**Colour:** Green-blue

**Odour:** Characteristic odour

**Evaporation rate:** Moderate

**Solubility in water:** Not miscible

**Flammability limits %: lower:** 1.3

**upper:** 7

**Flash point°C:** -60

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Direct sunlight. Heat. Hot surfaces. Sources of ignition. Flames.

### 10.5. Incompatible materials

**Materials to avoid:** \* Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### TOLUENE

IVN	RAT	LD50	1960	mg/kg
ORL	MUS	LD50	2	gm/kg

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ORL	RAT	LD50	6900	mg/kg
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### ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3000	mg/kg
ORL	RAT	LD50	5800	mg/kg

### PARALOID

ORL	RAT	LD50	> 5000	mg/kg
SKN	RBT	LD50	> 3000	mg/kg

### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Reproductive toxicity	--	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely. The vision may become blurred.

**Ingestion:** \* It is unlikely that this substance will be swallowed due to its physical properties. There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing. Drowsiness or mental confusion may occur. There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock.

**Delayed / immediate effects:** Headaches or general malaise may result. Drowsiness or mental confusion may occur.

**Other information:** Not applicable.

### Section 12: Ecological information

#### 12.1. Toxicity

[cont...]

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## Hazardous ingredients:

### ACETONE

BLUEGILL ( <i>Lepomis macrochirus</i> )	LC50	8300	mg/l
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### PARALOID

Daphnia magna	48H EC50	11.5	mg/l
FISH	96H LC50	24	mg/l

## 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

## 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

## 12.4. Mobility in soil

**Mobility:** Volatile. Insoluble in water. Floats on water. Readily absorbed into soil.

## 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

## 12.6. Other adverse effects

**Other adverse effects:** No data available.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** \* Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Solvent reclamation/regeneration. Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

**Waste code number:** \* 16 03 03

**Disposal of packaging:** Dispose of as normal industrial waste.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** AEROSOLS

[cont...]



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## 14.3. Transport hazard class(es)

Transport class: 2

## 14.4. Packing group

## 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

## 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

## Section 15: Regulatory information

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

**Specific regulations:** \* Regulation (EC) No 1272/2008 of the European Parliament and of the Council of the 16th December 2008 on Classification, labeling and packaging of Substances and Mixtures. The biodegradability of the surfactants contained in this product are in accordance with the requirements of the EU Detergent Regulation (EC/648/2004).

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

H373: May cause damage to organs <or state all organs affected, if known> through

[cont...]

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prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.