

Centrecoat ArmourCoat Thinner I

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

1.1. Product identifier

Product name	Centrecoat Armourcoat Thinner I
CAS No.	108-65-6
EC No.	203-603-9
Index No.	607-195-00-7

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

Description	Restricted to professional users. Tool cleaning solvent.
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1.3. Details of the supplier of the safety data sheet

Company	Promain UK Limited
Address	Promain House C1 Pierson Court Knowl Piece, Hitchin Hertfordshire
Web	SG4 0TY
Telephone	www.promain.co.uk
Fax	01462 421333
Email	- info@promain.co.uk

1.4. Emergency telephone number


Emergency telephone number	01462 421333 8.30am - 5.30pm Mon - Thurs. 8.30am - 4.30pm Fri
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC	R10 Symbols:
Main hazards	Flammable.
2.1.2. Classification - EC 1272/2008	Flam. Liq. 3: H226;

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Flam. Liq. 3: H226 - Flammable liquid and vapour.

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2.2. Label elements

Precautionary Statement: Prevention	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 - Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting// equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P370+P378 - In case of fire: Use alcohol resistant foam to extinguish.
Precautionary Statement: Storage	P403+P235 - Store in a well-ventilated place. Keep cool.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to local and national regulations

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
2-methoxy-1-methylethyl acetate (1-Methoxypropylacetate)	607-195-00-7	108-65-6	203-603-9	01-2119475791-29		R10	

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Seek medical attention. Irrigate eye with water whilst holding eye lid open for at least 15 minutes.
Skin contact	After contact with skin, wash immediately with plenty of water and soap. Remove contaminated clothing.
Ingestion	DO NOT INDUCE VOMITING. Drink 1 to 2 glasses of water. Seek medical attention.

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

Inhalation	No data is available on this product.
Eye contact	No data is available on this product.
Skin contact	No data is available on this product.
Ingestion	No data is available on this product.

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

Inhalation	Seek medical attention.
Eye contact	Seek medical attention.
Skin contact	Seek medical attention.
Ingestion	Seek medical attention.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Alcohol resistant foam.
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5.1. Extinguishing media

Carbon dioxide (CO₂).
Dry chemical.
Sand.

5.2. Special hazards arising from the substance or mixture

In case of fire, toxic gases may be formed.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition.
Ensure adequate ventilation of the working area.
Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material.
Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure adequate ventilation of the working area.
Avoid sparks, flames, heat and sources of ignition.
Do not breathe dust or vapour.
Use explosion proof equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area.
Keep containers tightly closed.

7.3. 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

8.1.1. Exposure Limit Values

Puma solve (1-Methoxypropylacetate)	WEL 8-hr limit ppm: 50	WEL 8-hr limit mg/m ³ : 274
	WEL 15 min limit ppm: 100	WEL 15 min limit mg/m ³ : 548
	WEL 8-hr limit mg/m ³ total - inhalable dust:	WEL 15 min limit mg/m ³ total - inhalable dust:
	WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 15 min limit mg/m ³ total - respirable dust:

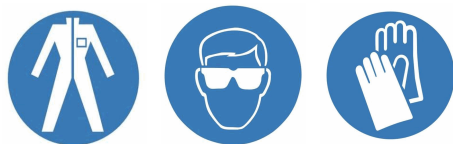
8.2. Exposure controls

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8.2. Exposure controls



8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	Butyl rubber gloves. Nitrile rubber gloves.
Respiratory protection	Wear suitable respiratory equipment when necessary.

Further information

Occupational exposure controls	Keep away from food, drink and animal feedingstuffs.
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Colourless
Odour	Ester
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Initial boiling point	145
Flash point	45
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	3.8
Vapour density	No data available
Relative density	0.96
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	272
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

9.2. Other information

Conductivity	No data available
Surface tension	No data available
Gas group	No data available
Benzene Content	Not applicable.
Lead content	Not applicable.
VOC (Volatile organic compounds)	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

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10.1. Reactivity	
	No data is available on this product.
10.2. Chemical stability	
	Stable under normal conditions. Avoid heat, flames and other sources of ignition.
10.3. Possibility of hazardous reactions	
	No data is available on this product.
10.4. Conditions to avoid	
	Avoid excessive heat for prolonged periods of time.
10.5. Incompatible materials	
	No data is available on this product.
10.6. Hazardous decomposition products	
	In case of fire, toxic gases (CO, CO ₂ , NO _x) may be formed. May form peroxides in the presence of air. May react with oxygen to form unstable peroxides. Peroxides are thermally unstable and shock sensitive.

SECTION 11: Toxicological information

11.1. Information on toxicological effects	
Acute toxicity	No data is available on this product.
Skin corrosion/irritation	No data is available on this product.
Serious eye damage/irritation	No data is available on this product.
Respiratory or skin sensitisation	No data is available on this product.
Germ cell mutagenicity	No data is available on this product.
Carcinogenicity	No data is available on this product.
Reproductive toxicity	No data is available on this product.
Repeated or prolonged exposure	No data is available on this product.
11.1.4. Toxicological Information	
	No data available

SECTION 12: Ecological information

12.1. Toxicity	
	No data available
12.2. Persistence and degradability	
	No data is available on this product.
12.3. Bioaccumulative potential	
Partition coefficient	
	Puma solve No data available 2-methoxy-1-methylethyl acetate No data available
12.4. Mobility in soil	
	No data is available on this product.
12.5. Results of PBT and vPvB assessment	
	No data is available on this product.
12.6. Other adverse effects	

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12.6. Other adverse effects

No data is available on this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

This product, when being disposed of in its unused and uncontaminated state should be treated as a hazardous waste according to EC Directive 91/869/EEC. Any disposal practices must be in compliance with all national and provincial laws and any municipal or local by-laws governing hazardous waste. For used, contaminated and residue materials additional evaluations may be required. Do not dump into any sewers, on the ground, or into any body of water.

Further information

Further information on waste can be obtained from the document "Guidance on the Classification and Assessment of Waste, Technical guidance WM3.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN3272

14.2. UN proper shipping name

ESTERS, N.O.S.

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group III

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-D
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IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355

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IATA

Maximum quantity	60 L
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SECTION 15: Regulatory information

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

	<p>"COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".</p> <p>"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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC".</p>
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15.2. Chemical safety assessment

	For advice on essential measures see sections 7 and 8 of this safety data sheet.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 7 - 7.3. Specific end use(s). 13 - Further information.
Text of risk phrases in Section 3	R10 - Flammable
Text of Hazard Statements in Section 3	Flam. Liq. 3: H226 - Flammable liquid and vapour.

General information

	This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy.
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Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.
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