SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier **Acrypol + All Colours**
Product Codes: RC3004, RC3005 & RC3006

1.2. Relevant identified uses of the substance or mixture and uses advised against
Uses: Industrial Waterproof Roof Coating
Not to be used for: All other uses

1.3. Details of the supplier of the safety data sheet
ACRYPOL PRODUCTS LTD, Unit 4, Asher Court, Lyncastle Way, Barleycastle Lane, Appleton, Warrington, WA4 4ST, United Kingdom
Tel: +44 (0) 1925 213 655 Fax: +44 (0) 1925 213 656
e-mail info@acrypolproducts.co.uk
Web site www.acrypolproducts.co.uk

1.4. Emergency telephone number +44 (0) 1925 213 655 (09:00 to 17:00 UK time)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP Classification	DPD Classification for information only
Flammable Liquid Cat 3 - H226	Flammable - R10
For full wording of Hazard statements see Section 16	For full wording of Risk phrases see Section 16

2.2. Label elements

Signal Word: WARNING

Pictograms

H Statements H226 Flammable liquid and vapour

Supplemental information None.

P Statements
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No Smoking.
P370+P378 In case of fire: Use Foam, CO2, Powder or Water Fog to extinguish
P403+P233 Store in a well-ventilated place. Keep container tightly closed

2.3. Other hazards None known

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
Hazardous component(s)

Under CLP EC1272/2008

Ingredient	CAS/EC Number	REACH Registration Number	%	CLP Hazard Category	H Statements
2-Methoxy-1-methylethyl acetate *	108-65-6 / 203-603-9	01-2119475791-29	25 - 50	Flammable Liquid 3	H226

* Has WEL - see Section 8 For full wording of H-statements see Section 16.

Under DPD EC1999/45

Ingredient	CAS/EC Number	REACH Registration Number	%	Symbol	Risk Phrases
2-Methoxy-1-methylethyl acetate *	108-65-6 / 203-603-9	01-2119475791-29	25 - 50	None	R10

* Has WEL - see Section 8 For full wording of Risk phrases see Section 16.

SECTION 4. FIRST-AID MEASURES

4.1. Description of first aid measures
Inhalation
Remove patient to fresh air, allow to rest and keep warm. If symptoms develop, seek medical attention.

Skin contact
Wash immediately with plenty of soap and water. Do NOT use solvents or thinners. Remove any contaminated clothing and launder before reuse. If symptoms develop, seek medical attention.

Eye contact
Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. If symptoms develop, seek medical attention.

Ingestion
DO NOT induce vomiting! Rinse mouth out with water, but do not give anything to drink. If symptoms develop, seek medical attention.

Personal precautions
Ensure that those giving first aid treatment do not get contaminated by product spills, etc. Wear suitable protective clothing, gloves, safety goggles. See also Section 8.

4.2. Most important symptoms and effects, both acute and delayed
Repeated or prolonged exposure may cause skin dryness or cracking.

4.3. Indication of any immediate medical attention and special treatment needed
None other than above.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

- Suitable: Water fog, foam, dry powder or carbon dioxide.
- Not to be used: Water jet.

5.2. Special hazards arising from the substance or mixture

None other than those emitted by materials of construction.

5.3. Advice for fire fighters Wear self-contained breathing apparatus and protective clothing. Cool closed containers exposed to fire with water. Prevent fire fighting water entering watercourses or groundwater.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Eliminate all sources of ignition. Wear suitable protective clothing, gloves, safety goggles. See Section 8 for details. Avoid breathing vapours. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

6.2. Environmental precautions Prevent from entering sewers or the immediate environment. Contain the spillage using bunding. In case of large spill, inform local police and/or fire brigade.

6.3. Methods and material for containment and cleaning up

- on soil: Absorb onto inert material such as sand or earth. Transfer to a closable, labelled salvage container for disposal as Hazardous Waste. See Section 13.

- on water: Recover by skimming and/or absorption with floating absorbent packs.

6.4. Reference to other sections

See Section 8 for details of protective equipment.
See Section 13 for details of disposal.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling Ensure there is sufficient ventilation of the area. Do not smoke. Avoid sources of ignition. Avoid contact with skin and eyes. Do not ingest. Avoid breathing vapours. Vapours are heavier than air and may spread along floors and accumulate in pits and hollows.

7.2. Conditions for safe storage, including any incompatibilities Store in a cool, well ventilated area in original containers. Keep container tightly closed when not in use. Follow HSE guidelines for the storage of Flammable Liquids and Packaged Dangerous Substances (HSG51 & HSG71). Keep away from sources of ignition.

7.3. Specific end use(s)

Industrial Waterproof Roof Coating.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient	Country	TWA 8hr		STEL 15mins		Notes/Reference
		ppm	mg/m^3	ppm	mg/m^3	
2-Methoxy-1-methylethyl acetate	UK	50	274	100	548	Sk - EH40
Barium sulphate total inhalable respirable	UK	 - -	 10 4	 - -	 - -	EH40
Amorphous silica total inhalable respirable	UK	 - -	 6 2.4	 - -	 - -	EH40
Titanium Dioxide total inhalable respirable	UK	 - -	 10 4	 - -	 - -	EH40
Carbon Black	UK	-	3.5	-	7	EH40
Mica total inhalable respirable	UK	 - -	 10 0.8	 - -	 - -	EH40

Monitoring procedures None specified

Note: During sanding/cutting processes nuisance dusts may be formed which have Workplace Exposure Levels set as shown below. Wet sanding is recommended.

Ingredient	Country	TWA 8hr		STEL 15mins		Reference
		ppm	mg/m^3	ppm	mg/m^3	
Inhalable dusts	UK	10	-	-	-	EH40/COSHH
Respirable dusts		4	-	-	-	

Monitoring procedures None specified

8.2. Exposure Controls

Recommended engineering controls Ensure good ventilation. Arrange for eye wash possibility.

Personal protection
Always check applicability with your supplier of protective equipment.

- **Respiratory protection:** Air-fed or self-contained breathing apparatus if exposure cannot be controlled below the levels shown above during spraying. Particle filtering masks should be worn during sanding if exposure to dusts cannot be avoided by general or local ventilation.

- **Skin protection:** Laboratory coat or overalls

- **Eye protection:** Splash proof safety glasses or goggles.

- **Hand protection:** Nitrile gloves. (Break-through times can vary depending on thickness, use and source. Change gloves regularly)

- **General hygiene:** Do not eat, drink, or smoke while using this product. Immediately take off any contaminated clothing and launder before re-use. Wash hands and/or face before breaks and at the end of the shift.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid, colour varies - can be White, Grey or Black depending on version (see can)
Odour	Ethereal
Odour Threshold Value:	Not determined
pH (concentrated product)	Not applicable - organic liquid
Melting point (°C)	Not determined
Boiling point/range (°C)	Not determined
Flash point (Pensky Martens) (°C)	32 - 55
Evaporation rate	Not determined
Flammability	Flammable liquid
Explosive properties/limits	Not determined
Vapour pressure of solvent (kPa at x°C)	Not determined
Vapour density	Not determined but heavier than air
Density at 20°C (kg/m^3)	1.12 - 1.14
Solubility in water (% by weight)	Immiscible
Solubility in solvents	Miscible with most non-polar solvents
Partition coefficient of solvent (log K_{OW})	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Kinematic Viscosity (cSt @ 40°C)	Not determined
Oxidising properties	Not considered to be oxidising

9.2. Other information

Note: These are typical values and do not constitute a specification.

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity Stable under normal conditions of use.

10.2. Chemical stability Stable under normal conditions of use.

10.3. Possibility of hazardous reactions None expected.

10.4. Conditions to avoid Sources of ignition.

10.5. Incompatible materials Strong oxidising agents. Strong acids and alkalis.

10.6. Hazardous decomposition products In fire, emits none other than those emitted by materials of construction.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
No data available on mixture. Data based on individual components shown below:

(a) Acute toxicity	Reason for no classification: Data conclusive but not sufficient for classification.
(b) Irritation	Reason for no classification: Data conclusive but not sufficient for classification.
(c) Corrosivity	Reason for no classification: Data conclusive but not sufficient for classification.
(d) Sensitisation	Reason for no classification: Data conclusive but not sufficient for classification.
(e) Repeat dose toxicity	Reason for no classification: Data conclusive but not sufficient for classification.
(f) Carcinogenicity	Reason for no classification: Data conclusive but not sufficient for classification.
(g) Mutagenicity	Reason for no classification: Data conclusive but not sufficient for classification.
(h) Toxicity for reproduction	Reason for no classification: Data conclusive but not sufficient for classification.

Likely routes of exposure: Inhalation, skin and eye contact.

Symptoms related to the physical, chemical and toxicological characteristics:
Repeated or prolonged exposure may cause skin dryness or cracking.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:
None other than above.

Other information: None.

SECTION 12. ECOLOGICAL INFORMATION

No data available on mixture. No individual components have reported ecological problems

12.1. Toxicity None by calculation

12.2. Persistence and degradability
Biodegradability: Not determined

12.3. Bioaccumulative potential
Partition Coefficient: Not determined

12.4. Mobility in soil Not determined

12.5. Results of PBT and vPvB assessment Does not fulfil the criteria for classification as PBT or vPvB.

12.6. Other adverse effects None known

This product is not classified as hazardous to the environment under the rules set out in the EU Classification, Labelling and Packaging Regulations EC1272/2008.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal of product: Dispose of as Hazardous Waste, via a licensed contractor ensuring that all national and local authority requirements are complied with. It is not suitable for landfill. The preferred method of disposal is by incineration in appropriate equipment.

Disposal of packaging: Contaminated packing should be disposed of as Hazardous Waste, as above, according to local authority guidelines.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number 1263
14.2. UN proper shipping name Paint
14.3. Transport hazard class(es) 3
14.4. Packing group III
14.5. Environmental hazards None
14.6. Special precautions for user See Section 2.2 above
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

Modal information:

	Land - ADR	Maritime - IMDG	Air - ICAO/IATA
Transport hazard label	Flammable	Flammable	Flammable
RID/ADR classification	3	3	3
Packaging group	III	III	III
HIN	30	-	-
EAC	3Y	-	-
Tunnel Code	(D/E)	-	-
EmS code(s)	-	FE, SE	-
Marine Pollutant	-	No	-
ERG Code	-	-	3L
Packing Instructions	-	-	Y334, 355, 366 (Passenger & Cargo aircraft)
Max. net qty/package	-	-	60 litres (10 litres non-UN packs) (Passenger aircraft) 220 litres (Cargo aircraft)

SECTION 15. REGULATORY INFORMATION

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

EU REACH Regulation 1907/2006
Chemical Agents Directive 98/24/EC
UK Control of Substances Hazardous to Health Regulations 2002 SI2677

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

15.2. Chemical Safety Assessment
A Chemical Safety Assessment has not been carried out on this mixture.

SECTION 16. OTHER INFORMATION

Inventories	
EU	All ingredients of this product are listed in EINECS or ELINCS, unless specifically exempted under EU Directive 67/548/EEC (as amended).
Sources of data used in this SDS	In-house data files Literature such as Sax's Dangerous Properties of Industrial Materials, the RSC Dictionary of Substances and their Effects, RTECS Suppliers' Safety Data Sheets In-house test data CLP Annex VI Tables 3.1 & 3.2
Version number	1
Date prepared	February 2015
Supersedes Version	None
Revisions marked with | in the left margin.	None
Nature of revision	First issue for all colours to REACH format and CLP classification

Classification carried out under CLP (EC1272/2008) by calculation based on ingredient information.

H-statements used in Sections 2 & 3	H226	Flammable liquid and vapour
R-phrases used in Section 2 & 3	R10	Flammable

Prepared according to precepts of EU Regulation 1907/2006 as amended by Regulation 453/2010

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.

End of document **Number of pages** = 8