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PRODUCT SAFETY DATA SHEET RC3004/5/6  
DATE OF ISSUE: 13.04.07

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### 1. IDENTIFICATION OF PRODUCT & COMPANY

PRODUCT REFERENCE No.	RC3004 Grey	RC3005 Black	RC3006 Solar White
PRODUCT NAME	Acrypol Plus.		
INTENDED USE	To provide a waterproof roof coating for all types of conventional roof structures. Can be applied by brush, paint roller or squeegee. For other application methods seek manufacturers advice.		
DETAILS OF COMPANY	Acrypol Products Limited Accounts and Correspondence 4 Asher Court Lyncastle Way Barleycastle Lane Appleton Warrington WA4 4ST Tel: 01925 213655 Fax: 01925 213656	Acrypol Products Limited Factory Wood Lane Partington Manchester M31 4BT Tel: 01925 213655 Fax: 01925 213656	

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the CHIP Regulations or which are assigned Workplace Exposure Limit Values.

A mixture of resins, pigments, mineral extenders and organic solvents as required.

Substance Name	Concentration Range (%)	Symbol	R-phrases No. (*)	EINECS/ ELINCS No.	CAS No.
Methoxy Propyl Acetate (* for full text see Section 16)	>20 & ≤30	Xi	10-36	203-603-9	108-65-6

### 3. HAZARDS IDENTIFICATION

Flammable. Irritating to eyes. Do not breathe vapour.

### 4. FIRST AID MEASURES

GENERAL	In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.
ON INHALATION	Remove to fresh air, keep the patient warm and at rest. If breathing has stopped administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.
ON EYE CONTACT	Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes holding the eyelids apart, seek medical advice.
ON SKIN CONTACT	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Do NOT use solvents or thinners.
ON INGESTION	If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

### 5. FIRE FIGHTING MEASURES

#### EXTINGUISHING MEDIA

RECOMMENDED: Alcohol Resistant Foam, Carbon Dioxide, Powder, Water Spray/Mist.

NOT TO BE USED: Water Jet.

#### RECOMMENDATIONS:

Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Exposure to decomposition products may be a hazard to health. Appropriate self contained breathing apparatus may be required. Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or water courses.



**6. ACCIDENTAL RELEASE MEASURES**  
 Exclude sources of ignition and ventilate area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in Sections 7 and 8. Contain and collect spillage's with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomose earth and place in a suitable container for disposal in accordance with waste regulations (see Section 13). Do not allow to enter drains or water courses. Clean preferably with a detergent, avoid use of solvents. If the product enters drains or sewers, immediately contact the local water company; in case of contamination of streams, rivers or lakes, the relevant environment agency.

**7. STORAGE & HANDLING**

**HANDLING**  
 Vapours are heavier than air and may spread along the floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the Workplace Exposure Limit Values. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. The product may charge electrostatically. Always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be electrically conductive. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of vapour or mist. Smoking, eating and drinking should be prohibited in storage and use areas. For Occupational Exposure Controls measures, see Section 8. Never use pressure to empty, container is not a pressure vessel. Always keep in containers made of the same material as the supply container. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimise the risk of spontaneous combustion and other fire hazards.  
 The Manual Handling Operations Regulations may apply to the handling of containers of this product. The following guide weight indicators are given to enable users to carry out assessments:

Pack Size	Gross weight does not exceed
5 Kilos	5.5 Kilos
20 Kilos	21.6 Kilos

**STORAGE**  
 Store in accordance with The Dangerous Substances and Explosive Atmospheres Regulations. Observe the label precautions. Store between 5 and 25°C in a dry well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Store away from oxidising agents and strongly alkaline and acid materials. The principles contained in the HSE's guidance note Storage of Packaged Dangerous Substances should be observed when storing this product.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING MEASURES**  
 Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of solvent vapours and/or particulates below relevant Workplace Exposure Limit Values, suitable respiratory protective equipment should be worn (see Occupational Exposure Controls below).

**EXPOSURE LIMIT VALUES**

Substance	TWA (1)		STEL (2)		Notations (3)
	ppm (4)	mg/m <sup>3</sup> (4)	ppm (4)	mg/m <sup>3</sup> (4)	
Methoxy Propyl Acetate	50	274	100	548	WEL, Sk

**NOTES**  
 (1) Long Term Exposure Limit - 8 hour time weighted average.  
 (2) Short Term Exposure Limit - 15 minute reference period.  
 (3) 'SK' indicates a risk of absorption through skin. 'SEN' indicate a respiratory sensitizer. 'BMGV' indicates a Biological Monitoring Guidance Value.  
 (4) 'WEL' indicates a Workplace Exposure Limit Value.  
 WEL's are from the current version of EH40, except where marked 'SUP' which are assigned by the supplier of the substance.



EXPOSURE CONTROLS/PERSONAL PROTECTION cont...

OCCUPATIONAL EXPOSURE CONTROLS

GENERAL PROTECTION	All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.
RESPIRATORY PROTECTION	Air fed respiratory protective equipment should be worn when sprayed if exposure of the sprayer or other people nearby cannot be controlled to below the Workplace Exposure Limit Values and engineering methods cannot reasonably be improved.
HAND PROTECTION	When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin, but are not substitutes for full physical protection. They should not be applied after exposure has occurred.
EYE PROTECTION	Eye protection designed to protect against liquid splashes should be worn.
SKIN PROTECTION	Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner. Regular skin inspection of users of this product is recommended. ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET.
ENVIRONMENTAL EXPOSURE CONTROL	See Section 12 for detailed information.

9. PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:	Viscous liquid	METHOD:	Abel Apparatus to BS2000 Part 170
FLASH POINT:	38°C	METHOD:	BS3900 Part A7-2
VISCOSITY:	19 - 21 Poise	METHOD:	BS3900 Part A19
SPECIFIC GRAVITY:	1.00 - 1.20 kilo/litre	METHOD:	BS3900 Part A19
VOC CONTENT:	450 - 485 gms/litre		
VAPOUR DENSITY:	Heavier than air		
LOWER EXPLOSION LIMIT:	0.8 % Vol.		
SOLUBILITY IN WATER:	Partially miscible		

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see Section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide, and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and strongly acid materials to prevent the possibility of exothermic reaction.

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 3 and 15 for details of the resulting hazard classification. Exposure to organic solvent vapours in excess of the stated workplace exposure limit values may result in adverse health effects such as irritation of the mucous membrane and the respiratory system and adverse effects on kidney, liver and central nervous systems. Symptoms and signs include headache, dizziness, fatigue muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. Splashes in the eyes may cause irritation and reversible local damage.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. LAPC requirements of regulations made under the Environmental Protection Act may apply to the use of this product. The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

### 13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act. Using information provided in this safety data sheet, advice should be obtained from the relevant environment agency whether the Special Waste Regulations apply.

### 14. TRANSPORT INFORMATION

Transport within the user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of accident or spillage.

Onward transport, subsequent to purchase:

Proper Shipping Name:	Paint Related Material
UN Number:	UN1263
Hazard Class:	3
Packing Group:	III
Sub Hazard Class:	
Technical Name1 (NOS entries only):	
Technical Name 2 (NOS entries only):	
Marine Pollutant: (IMDG only)(Y/N):	No
Emergency Schedule no (IMDG only):	3-05
Flashpoint (IMDG only):	38°C

### 15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the CHIP Regulations as follows.

Danger Classifications

Irritant. Flammable.

Risk Phrases

Flammable. Irritating to eyes.

Safety Phrases

Avoid contact with eyes.

"P" Phrases

Do not breathe vapour or spray.

The information contained in this Safety Data Sheet does not constitute the user's own assessment of the workplace risks, as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

### 16. OTHER INFORMATION

Text of any Risk Phrases listed in Section 2

R10 Flammable. R36 Irritating to eyes.

The information contained in this safety data sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside of the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.



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**16. OTHER INFORMATION cont.....**

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

Amendments to Sections: 2,7,8,9,11 & 16.

Further information and advice can be found in:-

- The Control of Substances Hazardous to Health Regulations 1999 (SI1999:437), The Stationery Office.
- COSHH Essentials: easy steps to control chemicals HS(G)193. Details of available Control Guidance Sheets, which may be relevant to the particular conditions of use, can also be found in this publication.
- The Dangerous Substances and Explosive Atmospheres Regulations 2002 (SI2002:2776), The Stationery Office.
- The Manual Handling Operations Regulations 1992 (SI1992:2793), The Stationery Office.
- Chemical Warehousing: Storage of Flammable Liquids in Containers. (HS(G)51), HSE Books.
- Storage of Packaged Dangerous Substances (HS(G)71), HSE Books.
- The Environmental Protection (Duty of Care) Regulations 1992 (SI1992:2839), The Stationery Office.
- A Guide to Working with Solvents (INDG272), HSE Books.