

SAFETY DATA SHEET 300A1

Acrylated Rubber Group

R1007, RU1007.

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

1.1. Product identifier

Product name **Acrylated Rubber Group**
 Product number R1007, RU1007.

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

Identified uses **Paint.**

1.3. Details of the supplier of the safety datasheet

Supplier Technical Paint Services
 Rear of 27 Southcote Road
 Bournemouth Dorset BH1 3SH

Contact person

enquiries@technicalpaintservice.co.uk

1.4. Emergency telephone number

Emergency telephone **+44 (0)1202 295570 (Not 24 Hours)**

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards **Flam. Liq. 3 - H226**
 Health hazards **Skin Irrit. 2 - H315**
 Environmental hazards **Aquatic Chronic 2 - H411**

Classification (67/548/EEC or 1999/45/EC) **N;R51/53. R10,R67.**

Human health **In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.**

Environmental **The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.**

Physicochemical **The product is flammable. Vapours may form explosive mixtures with air.**

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements	H226 Flammable liquid and vapour. H315 Causes skin irritation. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P362+P364 Take off contaminated clothing and wash it before reuse. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/ container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

SOLVENT NAPHTHA (PETROLEUM), LIGHT AROMATIC		10-30%
CAS number: 64742-95-6		
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	Xn;R65. N;R51/53. R10,R66,R67.	
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		
1,2,4-TRIMETHYLBENZENE		5-10%
CAS number: 95-63-6	EC number: 202-436-9	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 Xn;R20 Xi;R36/37/38 N;R51/53	
Acute Tox. 4 - H332		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
STOT SE 3 - H335		
Aquatic Chronic 2 - H411		
MESITYLENE		1-5%
CAS number: 108-67-8	EC number: 203-604-4	
Classification	Classification (67/548/EEC or 1999/45/EC)	
Flam. Liq. 3 - H226	R10 Xi;R37 N;R51/53	
STOT SE 3 - H335		
Aquatic Chronic 2 - H411		

XYLENE		1-5%
CAS number: 1330-20-7	EC number: 215-535-7	
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20/21 Xi;R38	
CUMENE		1-5%
CAS number: 98-82-8	EC number: 202-704-5	
Classification Flam. Liq. 3 - H226 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R65 Xi;R37 N;R51/53	
2-METHOXY-1-METHYLETHYL ACETATE		<1%
CAS number: 108-65-6	EC number: 203-603-9	
Classification Flam. Liq. 3 - H226	Classification (67/548/EEC or 1999/45/EC) R10 Xi;R36	
ETHYLBENZENE		<1%
CAS number: 100-41-4	EC number: 202-849-4	
Classification Flam. Liq. 2 - H225 Acute Tox. 4 - H332 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) F;R11 Xn;R20	
CYCLOHEXANONE		<1%
CAS number: 108-94-1	EC number: 203-631-1	
Classification Flam. Liq. 3 - H226 Acute Tox. 4 - H332	Classification (67/548/EEC or 1999/45/EC) R10 Xn;R20	
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY		<1%
CAS number: 64742-48-9	EC number: 265-150-3	
Classification Flam. Liq. 3 - H226 STOT SE 3 - H336 Asp. Tox. 1 - H304	Classification (67/548/EEC or 1999/45/EC) Xn;R65. R10,R66.	

1-METHOXY-2-PROPANOL	<1%
CAS number: 107-98-2	EC number: 203-539-1

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	R10
STOT SE 3 - H336	

BUTANOL-norm	<1%
CAS number: 71-36-3	EC number: 200-751-6

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 3 - H226	R10 Xn;R22 Xi;R37/38,R41 R67
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
STOT SE 3 - H335, H336	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media **Extinguish with the following media: Foam. Dry chemicals, sand, dolomite etc.**

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Protective actions during firefighting **Avoid breathing fire gases or vapours. Cool containers exposed to flames with water until well after the fire is out.**

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and clean up

Methods for cleaning up **Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses.**

6.4. Reference to other sections**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Usage precautions **Avoid spilling. Avoid contact with skin and eyes. Provide adequate ventilation. Avoid inhalation of vapours. Use approved respirator if air contamination is above an acceptable level.**

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions **Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.**

7.3. Specific end use(s)**SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Occupational exposure limits****XYLENE**

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m³(Sk)

CUMENE

Long-term exposure limit (8-hour TWA): WEL 25 ppm(Sk) 125 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 250 mg/m³(Sk)

2-METHOXY-1-METHYLETHYL ACETATE

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 274 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 548 mg/m³(Sk)

ETHYLBENZENE

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 441 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 125 ppm(Sk) 552 mg/m³(Sk)

CYCLOHEXANONE

Long-term exposure limit (8-hour TWA): WEL 10 ppm(Sk)

Short-term exposure limit (15-minute): WEL 20 ppm(Sk)

NAPHTHA (PETROLEUM), HYDROTREATED HEAVY

Long-term exposure limit (8-hour TWA): WEL 1000 mg/m³

1-METHOXY-2-PROPANOL

Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 375 mg/m³(Sk)

Short-term exposure limit (15-minute): WEL 150 ppm(Sk) 560 mg/m³(Sk)

BUTANOL-norm

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 154 mg/m³(Sk)

WEL = Workplace Exposure Limit

Ingredient comments **WEL = Workplace Exposure Limits**

8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate general and local exhaust ventilation.
Eye/face protection	The following protection should be worn: Chemical splash goggles.
Hand protection	Use protective gloves.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Respiratory protection	No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic**physical and chemical properties Appearance****Viscous liquid.**

Colour	Various colours.
Odour	Characteristic.
Flash point	23 - 55°C
Relative density	1.20 - 1.40

9.2. Other information

Volatile organic compound	This product contains a maximum VOC content of 460 g/l.
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SECTION 10: Stability and reactivity

10.1. Reactivity**10.2. Chemical stability**

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions**10.4. Conditions to avoid**

Conditions to avoid	Avoid contact with the following materials: Acids. Oxidising agents.
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10.5. Incompatible materials**10.6. Hazardous decomposition products**

Hazardous decomposition products	Fire creates: Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).
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SECTION 11: Toxicological information

11.1. Information on toxicological effects**Acute toxicity - dermal**

ATE dermal (mg/kg)	39,113.34
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Acute toxicity - inhalationATE inhalation (gases ppm) **38,360.28**ATE inhalation (vapours mg/l) **93.77**ATE inhalation (dusts/mists
mg/l) **12.79**

Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	Liquid irritates mucous membranes and may cause abdominal pain if swallowed.
Skin contact	Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged or repeated exposure may cause severe irritation.
Eye contact	May cause severe eye irritation.
Target organs	Skin Eyes Respiratory system, lungs

SECTION 12: Ecological Information**12.1. Toxicity****12.2. Persistence and degradability****12.3. Bioaccumulative potential****12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
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SECTION 14: Transport information**14.1. UN number**UN No. (ADR/RID) **1263**UN No. (IMDG) **1263**UN No. (ICAO) **1263**UN No. (ADN) **1263****14.2. UN proper shipping name**Proper shipping name (ADR/RID) **PAINT**Proper shipping name (IMDG) **PAINT**Proper shipping name (ICAO) **PAINT**Proper shipping name (ADN) **PAINT****14.3. Transport hazard class(es)****Transport hazard class(es)**ADR/RID class **3**ADR/RID classification code **F1**

ADR/RID label	3
IMDG class	3
ICAO class/division	3
ADN class	3

Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user

EmS	F-E, S-E
ADR transport category	3
Emergency Action Code	•3Y
Hazard Identification Number (ADR/RID)	30
Tunnel restriction code	(D/E)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
Guidance	Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment**SECTION 16: Other information**

Revision date	22/04/2016
Revision	2
Supersedes date	24/02/2014

SDS number	32042
Risk phrases in full	R10 Flammable. R20 Harmful by inhalation. R20/21 Harmful by inhalation and in contact with skin. R36/37/38 Irritating to eyes, respiratory system and skin. R37 Irritating to respiratory system. R38 Irritating to skin. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 Harmful: may cause lung damage if swallowed. R66 Repeated exposure may cause skin dryness or cracking. R67 Vapours may cause drowsiness and dizziness.
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H335 May cause respiratory irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.