

GUTTERCREST

COSHH INFORMATION

GUTTERCREST

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SAFETY DATA SHEET ARBOSIL 1090

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME ARBOSIL 1090
 APPLICATION Neutral cure building sealant.
 SUPPLIER Adshead Ratcliffe & Co. Ltd.
 Derby Road, Belper
 Derbyshire.
 DE56 1WJ
 Tel. (+44) 01773 826661
 Fax. (+44) 01773 821215

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BIS-(N-METHYLBENZAMIDO)-METHYLETH OXYSILANE	240-354-5	16230-35-6	1-5%	Xi;R36/38.
DIBUTYLTIN DILAUATE	201-039-8	77-58-7	< 1%	Xn;R48/22. Xi;R36/38. N;R50/53.
TITANIUMACETYLACETATE	281-161-6	83877-91-2	1-5%	R10.

The Full Text for all R-Phrases are Displayed in Section 16

COMPOSITION COMMENTS

Polydimethylsiloxane with fillers, auxiliaries. benzamidosilane crosslinking agent.

3 HAZARDS IDENTIFICATION

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION R52/53.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray. Foam, carbon dioxide or dry powder.

SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear appropriate protective clothing.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Avoid discharge onto the ground.

SPILL CLEAN UP METHODS

Collect and reclaim or dispose in sealed containers in licensed waste.

ARBOSIL 1090**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in tightly closed original container in a cool, dry well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

No particular ventilation requirements.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Not generally required.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Uncured -paste. Cured - rubber.		
COLOUR	Misc. colours		
ODOUR	Slight odour		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	1.18 - 1.195 @ 20°C	VISCOSITY	5,000 - 7,000 Ps @ 20°C
FLASH POINT (°C)	230 (as paste)	AUTO IGNITION TEMPERATURE (°C) #50	(as paste)

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid excessive heat for prolonged periods of time.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 Not determined.

INHALATION

No specific health warnings noted.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Skin irritation is not anticipated when used normally.

EYE CONTACT

May cause irritation to eyes. Will not injure eye tissue.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

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

LC 50, 96 Hrs, FISH mg/l Not determined

MOBILITY

The product is insoluble in water.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

ARBOSIL 1090**14 TRANSPORT INFORMATION**

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

RISK PHRASES

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16 OTHER INFORMATION

REVISION COMMENTS

General review

REVISION DATE 26/10/05

REV. NO./REPL. SDS GENERATED 06/01/04

SDS NO. 10165

RISK PHRASES IN FULL

R10 Flammable.

R36/38 Irritating to eyes and skin.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

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.

**SAFETY DATA SHEET
ARBOSEAL TAPE****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

PRODUCT NAME	ARBOSEAL TAPE
SYNONYMS, TRADE NAMES	Arboseal GZ. 03-SV. Butyl 88. Glazing tape. Lap tape.
APPLICATION	Compression joints in cladding and roofing. Lap joints in guttering. Glazing applications.
SUPPLIER	Adshead Ratcliffe & Co. Ltd. Derby Road, Belper Derbyshire. DE56 1WJ Tel. (+44) 01773 826661 Fax. (+44) 01773 821215

2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS

Butyl rubber, polyisobutene / polyisobutylene blends, with fillers, auxiliaries.

3 HAZARDS IDENTIFICATION

ENVIRONMENT

The product is not expected to be hazardous to the environment.

HUMAN HEALTH

Not considered as a health hazard under current legislation.

4 FIRST-AID MEASURES

INHALATION

Unlikely route of exposure as the product does not contain volatile substances.

INGESTION

Unlikely, but should this occur seek medical advice.

SKIN CONTACT

Wash skin thoroughly with soap and water.

EYE CONTACT

N/A.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Water spray. Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS

No unusual fire or explosion hazards noted.

SPECIFIC HAZARDS

Fire creates: Oxides of: Carbon.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Follow precautions for safe handling described in this safety data sheet. Wear appropriate protective clothing.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses.

SPILL CLEAN UP METHODS

Non-hazardous substance. Collect spillage with shovel, broom or the like and reuse, if possible. Transfer to a container for disposal. Wash thoroughly after dealing with a spillage.

7 HANDLING AND STORAGE

ARBOSEAL TAPE

USAGE PRECAUTIONS

No specific usage precautions noted. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in closed containers in a cool, dry place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

HAND PROTECTION

No specific hand protection noted, but gloves may still be advisable. For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Not generally required.

OTHER PROTECTION

Use barrier creams to prevent skin contact.

HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Round and flat section tacky tape.
COLOUR	Black. White. Teak.
ODOUR	Odourless
SOLUBILITY	Insoluble in water
RELATIVE DENSITY	1.22 - 1.60 @ 20°C

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO₂) are formed.

11 TOXICOLOGICAL INFORMATION

INHALATION

No specific health warnings noted.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Skin irritation is not anticipated when used normally. Prolonged contact may cause dryness of the skin.

EYE CONTACT

No specific health warnings noted.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements. Dispose of on site landfill area. Incinerate in suitable combustion chamber.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

15 REGULATORY INFORMATION

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16 OTHER INFORMATION

ARBOSEAL TAPE

REVISION COMMENTS

General review

REVISION DATE 14/110/5

REV. NO./REPL. SDS GENERATED 06/12/02

SDS NO. 10270

DISCLAIMER

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Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2011

Revision: 16.04.2009

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

For professional use only

· **Product details**

· **Trade name:** *EM505/EM555/EM556 1K Brushing Topcoat*

· **Application of the substance / the preparation**

Coating compound/ Surface coating/ paint

Special Synthetic Topcoat

· **Manufacturer/Supplier:**

TRADE AUTOMOTIVE SUPPLIES LIMITED

REFINISH HOUSE, GELDERS HALL INDUSTRIAL ESTATE

SHEPSHED, LEICESTERSHIRE, LE12 9NH

TELEPHONE: 01509 651 122

FAX: 01509 651 166

· **Further information obtainable from:** *sales@tradegroup.co.uk*

· **Information in case of emergency:** *sales@tradegroup.co.uk*

2 Hazards identification

· **Classification of the substance or mixture**

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Xn; Harmful

R65: Harmful: may cause lung damage if swallowed.



Xi; Sensitising

R43: May cause sensitisation by skin contact.



N; Dangerous for the environment

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R10: Flammable.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

1330-20-7 | Xylene (mix)

· **Label elements**

· **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

· **Code letter and hazard designation of product:**



Xn Harmful

N Dangerous for the environment

· **Hazard-determining components of labelling:**

Naphtha (petroleum), hydrodesulfurized heavy
p-mentha-1,8(9)-diene

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2011

Revision: 16.04.2009

Trade name: EM505/EM555/EM556 1K Brushing Topcoat

(Contd. of page 1)

· Risk phrases:

- 10 Flammable.
- 43 May cause sensitisation by skin contact.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 65 Harmful: may cause lung damage if swallowed.

· Safety phrases:

- 23 Do not breathe fumes/vapour/spray
- 24/25 Avoid contact with skin and eyes.
- 37 Wear suitable gloves.
- 43 In case of fire, use water or powdered extinguishing agent.
- 57 Use appropriate container to avoid environmental contamination.
- 60 This material and its container must be disposed of as hazardous waste.

3 Composition/information on ingredients

· Chemical characterization
· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components:

CAS: 64742-82-1 EINECS: 265-185-4	Naphtha (petroleum), hydrodesulfurized heavy  N R51 R10-66	10-25%
CAS: 138-86-3 EINECS: 205-341-0	p-mentha-1,8(9)-diene  Xi R38;  Xi R43;  N R50/53 R10	≤ 2.5%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy R10-66	≤ 2.5%
	Lead Carboxylate  T R61;  Xn R62-20/22;  N R50/53 R33	≤ 2.5%

· Additional information: For the wording of the listed risk phrases refer to section 16.

4 First aid measures

· After inhalation:

Supply fresh air and call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.

· After skin contact: Immediately wash with water and soap and rinse thoroughly.

· After eye contact: Rinse opened eye for several minutes under running water.

· After swallowing: If symptoms persist consult doctor.

5 Firefighting measures

· Suitable extinguishing agents:

 CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· For safety reasons unsuitable extinguishing agents: Water with full jet

(Contd. on page 3)

Safety Data Sheet

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Printing date 14.02.2011

Revision: 16.04.2009

Trade name: EM505/EM555/EM556 1K Brushing Topcoat

(Contd. of page 2)

· Protective equipment: Put on breathing apparatus

6 Accidental release measures

- **Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:**
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
Ensure good ventilation/extraction at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep receptacle tightly sealed.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
- **Respiratory protection:**
When spraying the product, use a respiratory protective device that is independent of circulating air.
- **Protection of hands:**
When skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product.



Protective gloves

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2011

Revision: 16.04.2009

Trade name: EM505/EM555/EM556 1K Brushing Topcoat

(Contd. of page 3)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

· **Appearance:**

Form: Fluid
Colour: According to product specification
Odour: Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 64°C

· **Flash point:** 38°C

· **Ignition temperature:** 230°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

Lower: 0.7 Vol %
Upper: 6.1 Vol %

· **Vapour pressure at 20°C:** 2.1 hPa

· **Density:** Not determined.

· **Solubility in / Miscibility with water:** NOT MISCIBLE

· **Solvent content:**

Organic solvents: 2.6 %

10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Materials to be avoided:**

· **Dangerous reactions** No dangerous reactions known.

(Contd. on page 5)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2011

Revision: 16.04.2009

Trade name: EM505/EM555/EM556 1K Brushing Topcoat

· **Dangerous decomposition products:** No dangerous decomposition products known.

(Contd. of page 4)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant
- **Sensitisation** May cause sensitisation by skin contact.

12 Ecological information

- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.
Also poisonous for fish and plankton in water bodies.
Toxic for aquatic organisms

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **Land transport ADR/RID (cross-border)**



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1263
- **Packaging group:** III
- **Hazard label** 3

(Contd. on page 6)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2011

Revision: 16.04.2009

Trade name: EM505/EM555/EM556 1K Brushing Topcoat

(Contd. of page 5)

- **Special marking:** Symbol (fish and tree)
- **Description of goods:** 1263 PAINT (not viscous)
- **Tunnel restriction code D/E**

Maritime transport IMDG:


- **IMDG Class:** 3
- **UN Number:** 1263
- **Label** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** no
Symbol (fish and tree)
- **Proper shipping name:** PAINT

Air transport ICAO-TI and IATA-DGR:


- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label** 3
- **Packaging group:** III
- **Proper shipping name:** PAINT

15 Regulatory information

- **Chemical safety assessment** A Chemical Safety Assessment has not been carried out.
- **National regulations:**
- **Technical instructions (air):**

Class	Share in %
I	0.2
NK	2.6

- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
- R10 Flammable.
- R20/22 Harmful by inhalation and if swallowed.
- R33 Danger of cumulative effects.
- R38 Irritating to skin.

(Contd. on page 7)



Safety Data Sheet
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Trade name: EM505/EM555/EM556 1K Brushing Topcoat

(Contd. of page 6)

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R51 Toxic to aquatic organisms.

R61 May cause harm to the unborn child.

R62 Possible risk of impaired fertility.

R66 Repeated exposure may cause skin dryness or cracking.

· **Department issuing MSDS:** Product safety department: LABORATORY

· **Contact:** Health & Safety Officer

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