



PRODUCT INFORMATION SHEET

CarPlan PowerBond Universal Mirror Fix

Description:

PowerBond Universal Mirror Fix bonds in minutes. It is suitable for use with glass and metal. For bonding rear view mirrors, phone & radio aerials.

Directions For Use:

Note

To achieve a satisfactory bond it is essential that the surfaces to be bonded are absolutely clean, dry and free from grease. It may be necessary first to wash the surface and after drying, to clean the surface further using a pad moistened with Methylated Spirit. Failure to ensure completely clean surfaces is the most common cause of product failure. The mirrors or aerials usually comprise separate based and mirror/Aerial units and it is the base that is bonded to the glass. If this is the case it will be easier to handle if you take the unit off the base and make sure that the base is firmly bonded to the glass before re-assembling the unit.

Directions:

1. Ensure that the glass and mirror/aerial base surfaces to be bonded are clean and dry. (see note above)
2. Trim the activating mesh to the size of the surface to be bonded on the mirror/aerial base.
3. Temporarily locate the mirror/aerial base on the glass and mark on the position on the outside of the glass.
4. Use scissors to cut the cap from the tip of the mirror fix adhesive tube.
5. Apply Mirror Fix adhesive over the whole of the surface of the mirror/aerial base to be bonded.
6. Place the activating mesh over the adhesive making sure that it is fully saturated with adhesive. Use the tip of the activator tube to press the activator mesh into place.
7. Apply mirror/aerial base to the inside of the glass immediately, sandwiching the activator mesh between the base and the glass, in the area previously marked out.
8. Press firmly onto the glass and hold still and firm for at least 1 minute, do not allow the unit to slide.
9. Allow adhesive to set with mirror/aerial base held in place for at least 15 minutes.
10. Invert the cap and use to re-seal the tube.
11. Carefully re-attach the mirror/aerial to the base if appropriate.
12. Remove exterior location marker.

Availability:

1g Tube

Tetrosyl



DISCLAIMER

This Product Information Sheet does not constitute to any extent a fitness for purpose warranty or a quality specification. It is intended to be indicative only of the general characteristics of the product(s) and may not be relied upon (in whole or in part) in substitution of nor as a supplement to any of the information and/or instructions and/or warnings set out on the product(s) and/or on any packaging and/or in the relevant Safety Data Sheet (which is available on request).

Neither of the publisher of this Product Information Sheet or the product(s) manufacturer accepts liability for the failure of any person to observe and follow the information and/or instructions and/or warnings on the product(s) and/or on any packaging and/or in the relevant Safety Data Sheet.

Any person selecting and using or causing the product(s) to be used for a specific purpose or any third party recommending the product(s) for a specific purpose without in either case first making all appropriate inquiries as to the suitability of the product(s) for the intended purpose does so at his/her/their own risk and no liability is accepted by the publisher or the product(s) manufacturer for any consequent loss, damage or injury, other than such liability as may not (by operation of law) be excluded.

This Product Information Sheet does not apply to the use of the product(s) in any combination or with other products or materials.

Users of a product or products marked "For Professional Use Only" are deemed to declare and acknowledge for themselves professional levels of skill, knowledge, competence and experience in the selection and use of such product(s).

Product Information Sheets are updated from time to time and inquiries should be made on a regular basis to ensure that this is the latest version available.

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SAFETY DATA SHEET

MIRROR FIX

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME MIRROR FIX
 PRODUCT NO. PBA004
 INTERNAL ID C
 SUPPLIER TETROSYL LIMITED
 BEVIS GREEN WORKS
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2 HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION (1999/45) Xi;R36/37/38. R43. R52/53.

HUMAN HEALTH

See section 11 for additional information on health hazards.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
(1-METHYL-1,2-ETHANEDIYL)bis[OXY(METHYL-2,1-ETHANEDIYL)] DIACRYLATE	256-032-2	42978-66-5	1-5%	R43 Xi;R36/37/38 N;R51/53
1-ACETYL-2-PHENYLHYDRAZINE		114-83-0	<1%	Xn;R20/21/22. Carc. Cat. 3;R40. Xi;R36/37/38. R43.
2-HYDROXYPROPYL METHACRYLATE	213-090-3	923-26-2	10-30%	R43 Xi;R36
ACRYLIC ACID	201-177-9	79-10-7	<0.5	R10 C;R35 Xn;R20/21/22 N;R50
ALIPHATIC METHACRYLATE ESTER			1-5%	Xi;R36/37/38.
AROMATIC URETHANE ACRYLATE			30-60%	Xi;R36.
AROMATIC-BASED DIMETHACRYLATE			10-30%	Xi;R36/37/38.
CUMENE	202-704-5	98-82-8	<0.5	R10 Xn;R65 Xi;R37 N;R51/53
CUMENE HYDROPEROXIDE	201-254-7	80-15-9	<1%	O;R7 T;R23 C;R34 Xn;R21/22,R48/20/22 N;R51/53

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

4 FIRST-AID MEASURES

GENERAL INFORMATION

Remove affected person from source of contamination. Get medical attention immediately!

MIRROR FIX**INHALATION**

Move injured person into fresh air immediately. Call an ambulance. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Bring these instructions. Place unconscious person on the side in the recovery position and ensure breathing can take place.

INGESTION

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Immediately transport to hospital or eye specialist.

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

Beware, risk of formation of toxic and corrosive gases.

SPECIFIC HAZARDS

In case of fire, toxic and corrosive gases may be formed.

PROTECTIVE MEASURES IN FIRE

Leave danger zone immediately.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

ENVIRONMENTAL PRECAUTIONS

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

SPILL CLEAN UP METHODS

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Read and follow manufacturer's recommendations. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
		ppm(Sk)	mg/m3(Sk)	ppm(Sk)	mg/m3(Sk)	
CUMENE	WEL	25	125	50	250	
		ppm(Sk)	mg/m3(Sk)	ppm(Sk)	mg/m3(Sk)	

MIRROR FIX

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT**PROCESS CONDITIONS**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

Wear suitable respiratory protection. Check that mask fits tight and change filter regularly.

HAND PROTECTION

The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Protection against this substance requires special consideration.

EYE PROTECTION

Wear tight-fitting goggles or face shield.

OTHER PROTECTIONProvide eyewash station. **AVOID ALL SKIN AND RESPIRATORY CONTACT!****HYGIENE MEASURES**

Wash contaminated clothing before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

SKIN PROTECTION

Protection suit must be worn.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Viscous liquid
COLOUR	Yellow to Amber
ODOUR	Characteristic
SOLUBILITY	Miscible with: Organic solvents
BOILING POINT (°C)	N/A
MELTING POINT (°C)	N/A
RELATIVE DENSITY	1.08
pH-VALUE, CONC.	4-6
SOLUTION	
FLASH POINT (°C)	>100

10 STABILITY AND REACTIVITY**STABILITY**

No particular stability concerns.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 3000-10000 mg/kg (oral rat)

HEALTH WARNINGS

This chemical can be hazardous when inhaled and/or touched. This chemical may cause skin/eye irritation and burns (corrosive). May cause severe internal injury. Vapour from this chemical can be hazardous when inhaled.

MIRROR FIX**ROUTE OF ENTRY**

Inhalation. Ingestion. Skin and/or eye contact. Skin absorption.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

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

BIOACCUMULATION

The product does not contain any substances expected to be bioaccumulating.

DEGRADABILITY

The product is expected to be slowly biodegradable.

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Only experts should be permitted to carry out disposal of this material.

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION**GENERAL**

Full protective clothing should be worn when handling this product.

15 REGULATORY INFORMATION**LABELLING**

Irritant

CONTAINS(1-METHYL-1,2-ETHANEDIYL)bis[OXY(METHYL-2,1-ETHANEDIYL)]
DIACRYLATE
2-HYDROXYPROPYL METHACRYLATE**RISK PHRASES**

R36/37/38	Irritating to eyes, respiratory system and skin.
R43	May cause sensitisation by skin contact.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S2	Keep out of the reach of children.
S24/25	Avoid contact with skin and eyes.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37	Wear suitable gloves.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S56	Dispose of this material and its container to hazardous or special waste collection point.
S64	If swallowed, rinse mouth with water (only if the person is conscious).

MIRROR FIX**16 OTHER INFORMATION**

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 30/05/2007

REV. NO./REPL. SDS 1

GENERATED

RISK PHRASES IN FULL

R34	Causes burns.
R35	Causes severe burns.
R10	Flammable
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R40	Limited evidence of a carcinogenic effect.
R7	May cause fire.
R43	May cause sensitisation by skin contact.
R23	Toxic by inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R50	Very toxic to aquatic organisms.

DISCLAIMER

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.