

PRODUCT INFORMATION SHEET

CARPLAN EXHAUST REPAIR BANDAGE

DESCRIPTION

Carplan Exhaust Repair Bandage is a tough epoxy resin bandage which bonds to the exhaust system with the application of heat, creating a long lasting, gas tight repair.

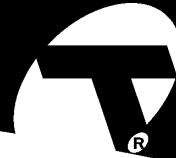
DIRECTIONS FOR USE

- Ensure surface to be repaired is dry and free from rust, oil and dirt. Sand metal with a wire brush if necessary.
- Warm the exhaust for a few minutes. On holes or splits, affix the flame shield foil over the damaged area.
- Peel the plastic film from both sides of the bandage, wrap over the flame shield foil and exhaust tightly, overlapping the edges by at least 13mm.
- Apply the fixing wire to secure the bandage. Run the engine for 20 minutes or drive carefully whilst the bandage is curing.

NOTE: Carplan Exhaust Repair Bandage can be used with Exhaust Repair Paste to fill in small holes and leaks before applying the bandage.

AVAILABILITY

MSB111

**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
NEW MUFLIT BANDAGE****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

PRODUCT NAME NEW MUFLIT BANDAGE
PRODUCT NO. MSB111, HSB111
INTERNAL ID C
APPLICATION Car maintenance product
SUPPLIER TETROSYL LIMITED
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2 HAZARDS IDENTIFICATION

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

CLASSIFICATION Xi;R36/38. R43. N;R51/53.

ENVIRONMENT

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

HUMAN HEALTH

See section 11 for additional information on health hazards.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
EPOXY RESIN (Number average MW <= 700)	500-033-5	25068-38-6	60-100%	R43 Xi;R36/38 N;R51/53

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

4 FIRST-AID MEASURES**GENERAL INFORMATION**

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

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 take these instructions.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice.

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

NEW MUFLIT BANDAGE

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

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

For personal protection, see section 8. 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. Provide ventilation and confine spill. Do not allow runoff to sewer. Absorb spillage with non-combustible, absorbent material.

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

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 workplace 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 PROTECTION

Provide 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.

NEW MUFLIT BANDAGE**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE Solid
COLOUR Black

10 STABILITY AND REACTIVITY

STABILITY

No particular stability concerns.

11 TOXICOLOGICAL INFORMATION

HEALTH WARNINGS

This chemical can be hazardous when inhaled and/or touched. May cause severe internal injury. Vapour from this chemical can be hazardous when inhaled.

ROUTE OF ENTRY

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

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

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. Absorb spillage with non-combustible, absorbent material.

14 TRANSPORT INFORMATION

GENERAL

Full protective clothing should be worn when handling this product.



UK ROAD CLASS	9		
PROPER SHIPPING NAME	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (EPOXY RESIN (Number average MW <= 700))		
UN NO. ROAD	3077	UK ROAD PACK GR.	III
ADR CLASS NO.	9	ADR CLASS	Class 9: Miscellaneous dangerous substances and articles.
ADR PACK GROUP	III	HAZARD No. (ADR)	90
ADR LABEL NO.	9	HAZCHEM CODE	2Z
CEFIC TEC(R) NO.	90GM7-III	RID CLASS NO.	9
RID PACK GROUP	III	UN NO. SEA	3077
IMDG CLASS	9	IMDG PACK GR.	III
EMS	F-A, S-F	MFAG	See Guide
MARINE POLLUTANT	No.	UN NO. AIR	3077
AIR CLASS	9	AIR PACK GR.	III

15 REGULATORY INFORMATION

NEW MUFLIT BANDAGE

LABELLING



Irritant

Dangerous for the
environment

CONTAINS

EPOXY RESIN (Number average MW <= 700)

RISK PHRASES

R36/38 Irritating to eyes and skin.
 R43 May cause sensitisation by skin contact.
 R51/53 Toxic 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.
 S29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
 S37 Wear suitable gloves.
 S46 If swallowed, seek medical advice immediately and show this container or label.
 S61 Avoid release to the environment. Refer to special instructions/safety data sheets.
 S64 If swallowed, rinse mouth with water (only if the person is conscious).
 P5 Contains epoxy constituents. See information supplied by the manufacturer.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

16 OTHER INFORMATION

REVISION COMMENTS

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

ISSUED BY

HS&E Manager.

REVISION DATE

27/02/2008

REV. NO./REPL. SDS GENERATED 6

RISK PHRASES IN FULL

R36/38 Irritating to eyes and skin.
 R43 May cause sensitisation by skin contact.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.