

- en** This MSDS refers to the WABCO product with product number below-mentioned.
- de** Dieses Sicherheitsdatenblatt bezieht sich auf das WABCO Produkt mit der unten stehenden Produktnummer.
- es** Esta hoja de datos de seguridad está referida al producto WABCO con la referencia abajo mencionada.
- fr** Cette fiche MSDS se réfère au produit WABCO dont la référence est mentionnée ci-dessous.
- it** Questa scheda di dati di sicurezza si riferisce agli articoli WABCO con il codice prodotto menzionato sotto.
- ru** Этот паспорт безопасности относится к продукту WABCO с нижестоящим номером продукта.

WABCOSEAL

WABCO # 830 407 084 4

This safety data sheet has been prepared in accordance with the requirements of EC Directives 1999/45/EC and 2001/58/EC and provides information relating to the safe handling and use of the product.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	830 407 080 4 - 830 407 084 4
Trade Name	WABCOSEAL
Manufacturer/Supplier	WABCO
Address	Chaussée de Wavre 1789 1160 BRUSSELS BELGIUM.
Phone Number	+32/2 663 01 20
Fax Number	+32/2 675 43 42
WEB	www.wabco-auto.com then WABCO Product Catalog: INFORM

2. COMPOSITION/INFORMATION ON INGREDIENTS

Nature	Product based on polyethyleneglycol dimethacrylate. Anaerobic threaded pipe sealant.			
Hazardous Components in Product for EC				
Component Name	CAS / EINECS	Concentration	R Phrases	Classification
1-Acetyl-2-phenylhydrazine	114-83-0 204-055-3	0.10 - 10.95	R68/22, R21, R43	Xn
Maleic Acid	110-16-7 203-742-5	0.10 - 0.75	R22, R36/37/38	Xn
Cumene Hydroperoxide 80%	80-15-9 201-254-7	0.10 - 0.75	R7, R21/22, R23, R34, R48/20/22, R51/53	O, T, N
Dodecyl methacrylate	142-90-5 205-570-6	2.50 - 10.00	R36/37/38, R50/53	Xi, N

3. HAZARD IDENTIFICATION

Irritating to eyes and respiratory system.
Prolonged contact with skin, particularly damaged skin, may cause sensitization or dermatitis in sensitive individuals.

4. FIRST AID MEASURES

First Aid - Inhalation

Remove affected person to fresh air, and if still feeling unwell seek medical attention.

First Aid - Skin

Wash with plenty of soap and water. If irritation persists, seek medical advice.

First Aid - Eyes

Flush eyes with plenty of water for at least 15 minutes. If irritation persists seek medical attention.

First Aid - Ingestion

Rinse mouth with water, then give plenty of water to drink.
Vomiting should only be induced under qualified supervision, and not while patient is unconscious.

5. FIRE FIGHTING MEASURES

Non flammable product (flash point is greater than 100°C (CC)).
If product is involved in fire extinguish with dry powder, foam or carbon dioxide.

5. FIRE FIGHTING MEASURES

Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area.

For small spills wipe up with paper towel and place in container for disposal.

For large spills absorb onto inert absorbent material and place in sealed container for disposal.

Wash spillage site thoroughly with soap and water or detergent solution.

7. HANDLING AND STORAGE

Handling

Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation.

Loctite applicators are recommended to minimise skin contact, particularly where workers are handling sharp or threaded parts which might result in microlaceration of sensitive areas of the skin.

Storage

Store in original containers at 8°C-28°C and do not return residual materials to containers as contamination may reduce the shelf life of the bulk product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

In circumstances where there is a potential for prolonged or repeated skin contact, the use of disposable gloves (polyethylene, natural rubber or equivalent ester-resistant material) is recommended. Use of Loctite applicator equipment is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid. Paste.
Colour	Yellow
Odour	Mild. Characteristic.
pH	Range between 3 to 6.
Boiling Range/Point (°C)	No data.
Flash Point (CC) (°C)	>100
Specific Gravity	1.15 g/cm ³ .
Solubility in Water (kg/m³)	Immiscible.
Solubility in Acetone	Miscible
Vapour Pressure(mmHg @ 25°C)	<0.5
Explosion Limits (%)	No data.

10. STABILITY AND REACTIVITY

Non reactive to water.

Non reactive to oxidising agents except for peroxides.

Polymerisation may occur after some time in the absence of air and/or the presence of a metal; However, the product is adequately stabilised to ensure that premature polymerisation does not occur under normal conditions of use.

11. TOXICOLOGICAL INFORMATION

Inhalation

This product is classified irritant by inhalation

11. TOXICOLOGICAL INFORMATION

Skin

Acute dermal LD50 (rabbit) is estimated to be greater than 2000mg/kg. Although it is not a common sensitizer there may be a risk of sensitization on prolonged or repeated contact with damaged skin.

Eyes

This product is an irritant to the eyes.

Ingestion

This product is considered to be of low toxicity having an acute oral LD50 (rat) >5000mg/kg by analogy to other similar products.

12. ECOLOGICAL INFORMATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Keep away from drains and open waters.

Cured Loctite products are typical polymers and do not pose any immediate environmental hazards.

Biological and Chemical Oxygen Demands (BOD and COD) of cured Loctite products are insignificant.

Precautions required with respect to Environmental Hazards of articles in which this product is used should be considered.

13. DISPOSAL CONSIDERATIONS

After use, tubes, cartons and bottles containing residual product should be disposed of as "chemically contaminated waste" in an authorised legal land fill site or incinerated.

Incinerate or bury in legal landfill.

Contribution of this product to waste is very insignificant in comparison to article in which it is used. Regulations governing disposal of individual articles apply.

14. TRANSPORT INFORMATION

UN Number	None
AIR (IATA)	Not classified.
Sea (IMO)	Not classified.
Road (ADR)/Rail(RID)	Not classified.

15. REGULATORY INFORMATION

Contains

1-Acetyl-2-phenylhydrazine.
May produce an allergic reaction

Labelling Information

Irritant



Dangerous for the Environment

R phrases

R36/37 Irritating to eyes and respiratory system.

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

S phrases

S23 Do not breathe vapour.

S24 Avoid contact with skin.

S26 In case of contact with eyes, rinse immediately with

15. REGULATORY INFORMATION

plenty of water and seek medical advice.
S51 Use only in well ventilated areas.
S61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Voluntary Labelling

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16. OTHER INFORMATION

MSDS data revised 19 June 2003**Hazardous Components in Product for EC****Component Name**

1-Acetyl-2-phenylhydrazine
Maleic Acid
Cumene Hydroperoxide 80%

R Phrases

R68/22, R21, R43
R22, R36/37/38
R7, R21/22, R23,
R34, R48/20/22,
R51/53
R36/37/38, R50/53

Dodecyl methacrylate

R21
R21/22
R22
R23
R34
R36/37/38
R43
R48/20/22

R21 Harmful in contact with skin.
R21/22 Harmful in contact with skin and if swallowed.
R22 Harmful if swallowed.
R23 Toxic by inhalation.
R34 Causes burns.
R36/37/38 Irritating to eyes, respiratory system and skin.
R43 May cause sensitisation by skin contact.
R48/20/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R68/22 Harmful: possible risk of irreversible effects if swallowed.
R7 May cause fire.

R50/53

R51/53

R68/22
R7

Further Information may be obtained from:-

WABCO

Chaussée de Wavre 1789

1160 BRUSSELS

BELGIUM

Tel: +32/2 663 01 20

Fax: +32/2 675 43 42.

The information in this safety data sheet was obtained from reputable sources and to the best of our knowledge is accurate and current at the mentioned date.

Neither Wabco nor its subsidiary companies accept any liability arising out of the use of the information provided here or the use, application or processing of the product(s) described herein.

Attention of users is drawn to the possible hazards from improper use of the product(s).

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Health & Regulatory Affairs - Europe

This safety data sheet was prepared in accordance with Commission Directive 2001/59/EC adapting to technical progress for the 28th time Council Directive 67/548/EEC and Commission Directive 1999/45/EC.