

Productname : EXHAUST REPAIR BANDAGE Creationdate : 29.06.17 Version : 3.0
 Ref.Nr.: BDS001191_3_20170629 (EN) Replaces: BDS001191_20150306

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

1.1. Product identifier

EXHAUST REPAIR BANDAGE
Bulk

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

Reparation of exhaust systems

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe bvba
Touwslagerstraat 1
9240 Zele
Belgium
Tel.: +32(0)52/45.60.11
Fax.: +32(0)52/45.00.34
E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Laurinkatu 57 A 23 B, 08100 Lohja	+358/(19)32.921	
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303 0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Laxfiskevägen 16, 433 38 Partille	0046/31 706 84 80	0046/31 27 39 91

1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical: Not classified
 Classification is based on test data.
Health: Skin irritation, category 2
 Causes skin irritation.



Productname : EXHAUST REPAIR BANDAGE **Creationdate :** 29.06.17 Version : 3.0
Ref.Nr.: BDS001191_3_20170629 (EN) **Replaces:** BDS001191_20150306

Eye irritation, category 2
 Causes serious eye irritation.
 Skin sensitization, category 1
 May cause an allergic skin reaction.

Classification based on calculation method.

Environment: Not classified

Classification based on calculation method.

Other hazards : Polymerization may occur from excessive heat, contamination or exposure to direct sunlight. By excessive exposure to dust, eye and respiratory tract irritation is possible.

Other hazards : Not classified

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier: Contains:
 Poly (aromatic glycidilether)

Hazard pictogram(s):



Signal word: Warning

Hazard statement(s): H315 : Causes skin irritation.
 H319 : Causes serious eye irritation.
 H317 : May cause an allergic skin reaction.

Precautionary statement(s): P102 : Keep out of reach of children.
 P280 : Wear protective gloves/protective clothing/eye protection/face protection.
 E : E : Explosif

Supplemental Hazard information: Polymerization may occur from excessive heat, contamination or exposure to direct sunlight. By excessive exposure to dust, eye and respiratory tract irritation is possible.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Woven glass fabric impregnated with epoxy resins and hardeners

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Polv (aromatic	-	-	-	10-30	Skin Irrit. 2. Eye Irrit. 2. Skin Sens. 1.	H315 H319 H317 H411	



Productname : EXHAUST REPAIR BANDAGE
Ref.Nr.: BDS001191_3_20170629 (EN)

Creationdate : 29.06.17 Version : 3.0
Replaces: BDS001191_20150306

glycidilether)					Aquatic Chronic 2		
Alkylglycidylether	-	-	-	0-1	Skin Irrit. 2, Skin Sens. 1	H315,H317	
Modified epoxyresin	-	-	-	0-1	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2	H315,H317,H411	

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

Contact with eyes :	If substance has got into eyes, immediately wash out with water for at least 15 minutes Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice
Contact with skin :	Take off immediately all contaminated clothing. Wash with water and soap. Seek medical advice
Inhalation :	Inhalation is unlikely to occur Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
Ingestion :	Ingestion is unlikely to occur

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

Inhalation :	Symptoms : sore throat, cough
Ingestion :	May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	May cause sensitization by skin contact. Irritating to skin Symptoms : redness and pain
Eye contact :	Irritating to eyes Symptoms : redness and pain, impaired vision

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

General Advice :	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
-------------------------	---

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

May give off noxious and toxic fumes in a fire

5.3. Advice for firefighters



CRC Industries Europe bvba

Touwslagerstraat 1, 9240 Zele – Belgium

Tel (+32) (0) 52 / 45 60 11 – Fax (+32) (0) 52 / 45 00 34 – www.crcind.com

Productname : EXHAUST REPAIR BANDAGE **Creationdate :** 29.06.17 Version : 3.0
Ref.Nr.: BDS001191_3_20170629 (EN) **Replaces:** BDS001191_20150306

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes
Wear breathing apparatus

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.
Ensure adequate ventilation
Wear suitable protective clothing including eye/face protection.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Do not breathe aerosols or vapours.
Ensure adequate ventilation
Avoid contact with skin and eyes.
Wash thoroughly after use
Wear protective gloves/protective clothing/eye protection/face protection.
Eyewash bottles should be available

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.
Keep out of reach of children.

7.3. Specific end use(s)

Reparation of exhaust systems

SECTION 8: Exposure controls/personal protection



Productname :	EXHAUST REPAIR BANDAGE	Creationdate :	29.06.17 Version : 3.0
Ref.Nr.:	BDS001191_3_20170629 (EN)	Replaces:	BDS001191_20150306

8.1. Control parameters

Exposure limits :

No information available

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. It is good practice to wear gloves and to provide adequate ventilation whenever using the product. In all cases handle and use the product in accordance with good industrial hygiene practices.
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
hands and skin :	When handling the product wear chemical-resistant gloves (standard EN 374). Use a reusable glove with a minimum breakthrough time of 30 minutes. The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
eyes :	Wear safety eyewear according to EN 166.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Apperance : physical state :	BANDAGE
colour :	Black.
odour :	Not applicable.
pH :	Not applicable.
Boiling point/range :	Not applicable.
Flash point :	Not applicable.
Evaporation rate :	Not applicable.
Explosion limits : upper limit :	Not applicable.
lower limit :	Not applicable.
Vapour pressure :	Not applicable.
Relative density :	Not applicable.
Solubility in water :	Not available.
Auto-ignition :	Not applicable.
Viscosity :	Not applicable.

9.2. Other information

SECTION 10: Stability and reactivity



Productname : EXHAUST REPAIR BANDAGE
Ref.Nr.: BDS001191_3_20170629 (EN)
Creationdate : 29.06.17 Version : 3.0
Replaces: BDS001191_20150306

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

In case of fire, do not breathe fumes
May give off noxious and toxic fumes in a fire

10.4. Conditions to avoid

heat

10.5. Incompatible materials

Strong oxidising agent
Reacts violently with strong alkalines

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

acute toxicity:	based on available data the classification criteria are not met
skin corrosion/irritation:	Causes skin irritation.
serious eye damage/irritation:	Causes serious eye irritation.
respiratory or skin sensitisation:	May cause an allergic skin reaction.
germ cell mutagenicity:	based on available data the classification criteria are not met
carcinogenicity:	based on available data the classification criteria are not met
toxicity for reproduction:	based on available data the classification criteria are not met
STOT-single exposure:	based on available data the classification criteria are not met
STOT repeated exposure:	based on available data the classification criteria are not met
aspiration hazard:	based on available data the classification criteria are not met

Information on likely routes of exposure:

Inhalation :	May cause irritation.
Ingestion :	May cause gastrointestinal disturbances
Skin contact :	May cause sensitization by skin contact. Irritating to skin
Eye contact :	Irritating to eyes



Productname : EXHAUST REPAIR BANDAGE
Ref.Nr.: BDS001191_3_20170629 (EN)

Creationdate : 29.06.17 Version : 3.0
Replaces: BDS001191_20150306

Toxicological data :

No information available

SECTION 12: Ecological information**12.1. Toxicity**

Not classified

Ecotoxicological data:

No information available

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential

No experimental data available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No experimental data available

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Product :	This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.
Contaminated packaging :	Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

Productname : EXHAUST REPAIR BANDAGE **Creationdate :** 29.06.17 Version : 3.0
Ref.Nr.: BDS001191_3_20170629 (EN) **Replaces:** BDS001191_20150306

14.1. UN number

UN-number : Not classified as hazardous for transport

14.2. UN proper shipping name

Proper shipping name: Not applicable.

14.3. Transport hazard class(es)

Class: Not applicable.
ADR/RID - Classification code: Not applicable.

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No
IMDG - Marine pollutant: No
IATA/ICAO - Environmentally hazardous: No

14.6. Special precautions for user

ADR/RID - Tunnelcode: Not applicable.
IMDG - Ems: Not applicable.
IATA/ICAO - PAX: Not applicable.
IATA/ICAO - CAO: Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The Safety Data Sheet is compiled according to the current European requirements.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)

15.2. Chemical safety assessment

No information available



Productname : EXHAUST REPAIR BANDAGE **Creationdate :** 29.06.17 Version : 3.0
Ref.Nr.: BDS001191_3_20170629 (EN) **Replaces:** BDS001191_20150306

SECTION 16: Other information

*Explanation hazard statements: H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H319 : Causes serious eye irritation.
H411 : Toxic to aquatic life with long lasting effects.

REVISIONS IN CHAPTRE : Classification according to Regulation (EC) No 1272/2008
Labelling according to Regulation (EC) No 1272/2008
8.2. Exposure controls

acronyms and synonyms: TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistant bioaccumulative toxic
vPvB = very persitant very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.