

**Productname :** Exhaust Repair Bandage  
**Ref.Nr.:** BDS001191\_3\_20150306 (EN)  
**Creationdate :** 06.03.15 Version : 2.0  
**Replaces:** BDS001191\_20120306

## 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	Südtring 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  
**Health:** Skin irritation, category 2  
Causes skin irritation.  
Eye irritation, category 2



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	May cause an allergic skin reaction.
<b>Environment:</b>	Not classified
<b>Other hazards :</b>	Polymerization may occur from excessive heat, contamination or exposure to direct sunlight. By excessive exposure to dust, eye and respiratory tract irritation is possible.

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

Xi : IRRITANT

<b>Health:</b>	R43: May cause sensitization by skin contact. R38: Irritating to skin.
<b>Physical:</b>	Not classified
<b>Environment:</b>	Not classified
<b>Other hazards :</b>	Not classified

**2.2. Label elements****Labelling according to Regulation (EC) No 1272/2008**

<b>Product identifier:</b>	Contains: Poly (aromatic glycidylether)
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**Hazard pictogram(s):**

<b>Signal word:</b>	Warning
<b>Hazard statement(s):</b>	H315 : Causes skin irritation. H317 : May cause an allergic skin reaction.
<b>Precautionary statement(s):</b>	P102 : Keep out of reach of children. P280 : Wear protective gloves/protective clothing/eye protection/face protection.
<b>Supplemental Hazard information:</b>	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**

None

**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	CAS-nr.	EC-nr	w/w %	symbol	R-phrases*	Notes
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Poly (aromatic glycidylether)	-	-	10-30	Xi,N	38-43-51/53	
Alkylglycidylether	-	-	0-1	Xi	38-43	
Modified epoxyresin	-	-	0-1	Xi,N	38-43-51/53	

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

<b>Contact with eyes :</b>	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
<b>Contact with skin :</b>	Take off immediately all contaminated clothing. Wash with water and soap. Seek medical advice
<b>Inhalation :</b>	Inhalation is unlikely to occur Fresh air, keep warm and at rest. Seek medical attention if ill effects occur
<b>Ingestion :</b>	Ingestion is unlikely to occur

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

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

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

<b>General Advice :</b>	If you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

foam, carbon dioxide or dry agent



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## 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

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)



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Reparation of exhaust systems

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits :

No information available

### 8.2. Exposure controls

<b>Control procedures :</b>	Ensure adequate ventilation
<b>Personal protection :</b>	Take precautions to avoid contact with skin and eyes when handling the product.
	Ensure adequate ventilation
<b>inhalation :</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type A)
<b>hands and skin :</b>	Wear suitable protective gloves against chemicals
Recommended gloves:	Nitrile
<b>eyes :</b>	Wear safety goggles.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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

### 9.2. Other information

## SECTION 10: Stability and reactivity



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**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,CO<sub>2</sub>

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Information on likely routes of exposure:**

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

**Toxicological data :**

No information available

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

Not classified



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**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****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.



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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 MARPOL73/78 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.  
EU-directive 99/45/EC  
Regulation (EC) No 1272/2008 (CLP)  
Regulation (EC) No 1907/2006 (REACH)

#### 15.2. Chemical safety assessment

No information available

### SECTION 16: Other information

*Explanation risk-phrases:	R38: Irritating to skin. R43: May cause sensitization by skin contact. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
*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 67/548/EEC or 1999/45/EC:





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## 2.2. Label elements

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.

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