



Exhaust Repair Kit

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Date of issue:3/20/2015 Revision date:9/2/2015Supersedes:3/20/2015

Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Article number : 66502
Product code : 66502

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only.
Function or use category : Filler and sealants

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

BARDAHL NL - OCD NEDERLAND BV
Maxwellstraat 41
3316 GP Dordrecht - Nederland
T 0031 78 651 2322 - F 0031 78 617 4848
rjjonker@bardahl.nl - www.bardahl.nl

1.4. Emergency telephone number

Emergency number : +31 (0) 6 2908 2010
During office hours: 8.30 t/m 17:00 h

Country	Organization/Company	Address	Emergency number	Comment
	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	0870 243 2241	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

2.2. Label elements

Labeling according to Regulation (EC) No. 1272/2008 [CLP]

Security closing plug for children. : No
Tactile warning : No

2.3. Other hazards

Adverse physicochemical, human health and environmental effects : This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

PBT: not relevant – no registration required

SECTION 3: Composition/Information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

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SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. When unconsciousness transport in a recovery position.
- First-aid measures after inhalation : Allow the victim to rest. Assure fresh air breathing. Keep the victim warm. If breathing is irregular or stopped, administer artificial respiration.
- First-aid measures after skin contact : Remove contaminated clothing immediately. Wash skin thoroughly with mild soap and water. Do not use solvents or thinners!.
- First-aid measures after eye contact : Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.
- First-aid measures after ingestion : Rinse mouth. Never give anything by mouth to an unconscious person. Immediately call a poison center or doctor/physician. Do NOT induce vomiting. Allow the victim to rest.

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

- Symptoms/injuries : If you feel unwell, seek medical advice.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Powder. Water spray.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Produces dense black smoke when burning, obscuring vision.
- Hazardous decomposition products in case of fire : Vapours potentially dangerous to health may be released.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Avoid (reject) fire-fighting water to enter environment.
- Protection during firefighting : Wear suitable respiratory equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Ventilate area. Do not breathe gas, fumes, vapour or spray.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up with absorbent material (for example sand, sawdust, neutral absorbent granule, silica gel). Do not use solvents or thinners!. Use suitable disposal containers.

6.4. Reference to other sections

See Headings 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Never use pressure to empty container. Store in original container.
- Hygiene measures : Do not eat, drink or smoke when using this product. Avoid contact with skin and eyes. Do not breathe gas/fumes/vapor/spray.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed. Never place the packings under pressure, as they are not resistant to that. No smoking. Keep locked up and out of reach of children. Store in a dry place. Store in a well-ventilated place.
- Incompatible products : strong acids. Oxidizing agent.
- Storage temperature : 15 - 30 °C

7.3. Specific end use(s)

See product bulletin for detailed information.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Materials for protective clothing	: Wear suitable protective clothing
Hand protection	: Recommended thickness of the material: ≥ 0.45 mm. Penetration time of glove material: 30 min (Nitril). Gloves material: Nitrile. Wear suitable gloves tested to EN374. Refer to manufacturer's information.
Eye protection	: Eye protection should only be necessary where liquid could be splashed or sprayed. Safety glasses
Environmental exposure controls	: Prevent entry to sewers and public waters. Refer to chapter 7.
Other information	: Good ventilation of the workplace required. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: grey.
Odor	: characteristic.
Odor threshold	: No data available
pH	: 10.5 - 11.5 (20°C)
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.94 g/cm ³ (20°C)
Solubility	: partly miscible. Water: 26.98 % Organic solvent:0.0%
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 350 mPa.s (20°C)
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information

VOC content : < 1 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Strong acids. Strong alkalis. Strong oxidizers.

10.4. Conditions to avoid

Overheating. Hazardous decomposition products in case of fire. Stable at normal conditions. see Section 7.

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Fume. Nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Repeated or prolonged skin contact may cause dermatitis and defatting. pH: 10.5 - 11.5 (20°C)
Serious eye damage/irritation	: May cause irritation to the eyes pH: 10.5 - 11.5 (20°C)
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified

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Additional information	The product does not need to be labeled in accordance with EEC directives on classification, packaging and labeling of dangerous substances (67/ 548 EEG) en (88/ 379/ EEG)
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

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Viscosity, kinematic	180.41237113 mm ² /s
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SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Prevent entry to sewers and public waters.

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

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PBT: not relevant – no registration required
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12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations	: Prevent entry to sewers and public waters. Dispose in a safe manner in accordance with local/national regulations. Recycle after cleaning.
EURLW code	: 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable

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Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

No data available

- Rail transport

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

VOC content : < 1 g/l
Other regulations, restrictions and prohibition regulations : Avoid contact during pregnancy/while nursing. Protection young employees at the workplace (ARAB.RGTB art. 183).

15.1.2. National regulations

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Germany

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

15.2. Chemical safety assessment

No

SECTION 16: Other information

Indication of changes:

1.2	Industrial/Professional use spec	Added	
1.2	Function or use category	Added	
15.2	Chemical safety assessment	Modified	

Abbreviations and acronyms:

	<p>Abbreviations and acronyms:</p> <p>RID: Regulations Concerning the International Transport of Dangerous Goods by Rail ICAO: International Civil Aviation Organization ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent</p>
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SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product