



VOLTECO Spa

ADEKA KM

Revision n. 3.0

Revision date 08/01/2020

Printed on 08/01/2020

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SECTION 1. Identification of the substance/preparation and of the company/undertaking

1.1 Product identifier

Name ADEKA KM

1.2. Identified relevant uses of the substance or mixture and non-recommended uses

Description/Use Hydro-expansive profile for sealing expansion joints

1.3. Supplier information of the safety data sheet

Company Name VOLTECO Spa
Address Via delle Industrie, 47
District and Country 31050 Ponzano Veneto (TV) - IT
Telephone +39 0422 9663
Fax +39 0422 966401
e-mail address of the person in charge of the safety data sheet volteco@volteco.it

1.4. Emergency telephone number

For urgent enquiries, please contact +39 0422 9663

SECTION 2. Hazards identification

2.1 Classification of the substance or mixture

Product definition

Black rubber in the form of a curb

The product is not classified as hazardous.

2.2 Label elements

None.

2.3 Other hazards

No data available.

SECTION 3. Composition/information on ingredients

3.1 Substance/Mixture

Substances in this product have been pre-registered and/or registered or are exempt from compulsory registration in accordance with EC Regulation No. 1907/2006 (REACH).

According to the EC Norm No. 1907/2006 and subsequent amendments

Name	CAS	EC	%	Classification
Hydrophilic rubber	-	-	-	None

SECTION 4. First aid measures

4.1 Description of the first aid measures

Contact with skin Immediately wash with water and soap and rinse thoroughly. Immediately remove any contaminated clothing. In case of a skin rash or burns, seek medical attention.

Contact with eyes Rinse thoroughly for 15 minutes. Seek medical attention.

Swallowing In case of accidental ingestion, immediate medical attention is required.

Inhalation In case of effects, move to the fresh air. Seek medical attention.

Notes for the doctor

No special antidote.

Treatment based on judgement of the physician in response to reactions of the patient.

4.2 Main symptoms and effects, both acute and delayed

Information not available.

4.3 Indication of any immediate medical attention and special treatment needed

Information not available.

SECTION 5. Fire-fighting measures

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5.1 Extinguishing agents

Suitable extinguishing agents

Carbon dioxide and chemical powder and water spray

5.2 Special hazards arising from the substance or mixture

No data available but thermal decomposition and combustion can produce carbon dioxide, carbon monoxide and nitrogen oxide.

5.3 Recommendations for those in charge of putting out fires

General information

Firefighters should wear normal protective equipment (full bunker gear) and self-contained breathing apparatus. Do not use straight streams of water. Keep personnel removed from and upwind of fire. Cool container with water spray.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Staff in charge of cleaning must wear suitable protective clothing so as to prevent the inhalation of dust and contact with skin and eyes.

6.2 Environmental precautions

Prevent the product from entering the drains, surface water, ground water and confined areas.

6.3 Methods and materials for containment and cleaning up

Absorb materials with commercial waste absorbents.

Dike large spills and place materials in salvage containers.

Consult an expert on the disposal of recovered material.

6.4 Reference to other sections

For information on personal protection, refer to Section 8 of the material safety data sheet.

For information on disposal, refer to Section 13 of the material safety data sheet.

SECTION 7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes, keep containers closed.

7.2 Conditions for safe storage, including any incompatibility

Store in a cool and well-ventilated place (below 40°C).

Store only in the closed original container.

7.3 Specific end uses

No data available.

SECTION 8. Exposure control/personal protection

8.1 Control parameters

Not applicable.

8.2 Exposure controls

Eyes/face protection

It is recommended to wear protective airtight goggles (ref. Standard EN 166). Do not wear contact lenses.

Respiratory protection

Wear a suitable mask with filter when exposed to dust.

Skin protection

Wear chemical resistant gloves.

Thermal hazards

There is no available data, but thermal decomposition or combustion can produce carbon dioxide, carbon monoxide and nitrogen oxide.

Environmental exposure controls

Treat this product in conformity with the mandatory EU Directives and Regulations.

Suitable technical controls

Mechanically ventilate enclosed spaces.

Other

Wear chemical protection suit, apron, work trousers, long sleeve work shirt or disposable coveralls, etc.

SECTION 9. Physical and chemical properties

9.1 Information on the basic physical and chemical properties

Description

Values

Appearance

Black rubber

Physical state

Solid

Colour

Black

Description	Values
Odour	Slight smell of rubber
pH	Not available
Initial boiling point/Boiling range	Not available
Melting or freezing point	Not available
Flash point	Not available
Evaporation speed	Not available
Flammability of solids and gases	Not available
Lower flammability limit	Not available
Lower explosivity limit	Not available
Vapour pressure	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	Not available
Water solubility	Not available
Fat-soluble	Not available
Partition coefficient n-octanol/water	Not available
Explosive properties	Not available
Oxidising properties	Not available
Decomposition temperature	Not available
Auto-ignition temperature	Not available
Viscosity	Not available

9.2 Other information

No data available.

SECTION 10. Stability and reactivity

10.1 Reactivity

There are no specific test values available relative to this product and its ingredients.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.

(Room temperature)

10.3 Possibility of hazardous reactions

No dangerous reactions are expected under normal conditions of use and storage.

10.4 Conditions to be avoided

Avoid high temperatures > 40 °C

Keep away from high temperatures, sparks and open flames.

10.5 Incompatible materials

Epoxy resins, strong oxidising agents, Lewis bases or acids, mineral and epoxy acids.

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, nitrogen oxide and other organic substances can form during combustion or at high degradation temperatures (> 250 °C).

SECTION 11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

Acute effects	There is no available data but it can be harmful if swallowed.
Contact with skin	For work involving chemicals, observe the national regulations.
Contact with eyes	There is no available data but it can cause serious eye damage.
Respiratory or skin sensitisation	No data available.
Mutagenic effects	No data available.
Carcinogenicity	This product is not known or reported to be carcinogenic by any reference source including IARC,



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OSHA, NTP or EPA. 2) 3)

Toxic for reproduction	No data available.
STOT single exposure	No data available.
STOT repeated exposure	No data available.

SECTION 12. Ecological information

12.1 Ecotoxicity

There is no available data but it can be toxic for the aquatic environment.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in the soil

No data available.

12.5 Results of the PBT and vPvB evaluation

No data available.

12.6 Other adverse effects

No data available.

SECTION 13. Disposal considerations

13.1 Waste processing methods

Incineration	It must be carried out in accordance with local provisions.
Recycle	It must be carried out in accordance with local provisions.
Send to landfill	It must be carried out in accordance with local provisions.

SECTION 14. Transport information

The product is not classified as dangerous in accordance with the provisions in force concerning transport of dangerous goods by road (ADR) and by Rail (RID), by sea (IMDG Code) and by air (IATA).

-	ADR/RID - ADN/RID	IMDG	IATA
14.1 UN number	-	-	-
14.2 UN Shipping name	-	-	-
14.3 Hazard classes	-	-	-
14.4 Packaging groups	-	-	-
14.5 Hazardous for the environment	-	No	-
14.6 Special precautions	-	-	-
14.7 Bulk transport according to Annex II of MARPOL 73/78 and the IBC Code	-	-	-

SECTION 15. Regulatory information

15.1 Specific standards and regulations on health, safety and environment for the substance or mixture

Regulation EC No. 1907/2006 (REACH) Annex XVII - Substances subject to restrictions on their marketing and use and subsequent amendments:

Not applicable.

15.2 Chemical safety assessment

No chemical safety assessment has been conducted for the mixture and the substances contained in it.

SECTION 16. Other information

Code/I H-& P- listed in Section 2

None.



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References

- 1) The results of our tests
- 2) Register of Toxic Effects of Chemical Substances (RTECS, 2017)
- 3) IARC Monographs on the Carcinogenic Risk Assessment of Chemicals for Humans vol1-106.