

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

NAME OF THE PRODUCT	Exhaust paste 170 g
CODE	110028
DISTRIBUTOR	BOSSAUTO INNOVA, S.A.
ADDRESS	c/ Thomas Edison 16, Apartado de correos 95
CITY	08430 La Roca del Vallés (Barcelona)
TEL	+ 34 93 860 49 23
FAX	+34 93 871 23 36
E-MAIL	info@bossauto.com
WEB	www.bossauto.com

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

A. Regulation n°1272/2008 (CLP)

Mixture is not classified as hazardous according to Regulation (EC) N° 1272/2008.

2.2. Label elements

A. Labelling according to Regulation (EC) N° 1272/2008

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**

- **Hazard statements**

n.a.

- **Precautionary statements**

P262 Do not get in eyes, on skin, or on clothing.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

- **Contains**

N.a.

- **Additional hazard features (UE)**

N.a.

2.3. Other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

Description/ chemical specification

Description: Preparation of liquid glass, water and inorganic materials.
 Hazardous ingredients.

Classification according to Regulation (EC) N° 1272/2008.		
N.º CE n.º CAS Identification number - UE	REACH nr Chemical determination Classification	Weight % Observation
	n.a.	

Additional information: To see full classification text, see section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

A. General information

If symptoms appear or in case of doubt, visit a doctor. In case of unconsciousness, do not give anything by mouth, place the affected person in a stable rest position and ask for a doctor.

B. After inhalation

Remove the patient out of the contaminated area into the fresh air. If breathing is irregular or stops, administer artificial respiration.

C. After skin contact

Remove immediately contaminated clothing. Wash thoroughly the affected area with plenty of cold or lukewarm water and neutral soap, or use a suitable skin cleanser. Do not use solvents..

D. After eye contact

IF IN EYES: Rinse eyes cautiously for a couple of minutes. Remove contact lenses, if present and easy to do. Keep rinsing. Call a physician immediately.

E. After swallowing

In case of ingestion, rinse the mouth with water (only if the person is conscious). Call a doctor immediately. Keep the victim in a rest position. Do not induce vomiting.

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

If symptoms appear or in case of doubt, ask to a doctor.

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

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5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents: alcohol resistant foam, carbon dioxide, dust, sprayed water.
 For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2. Special hazards caused by the substance, its products of combustion or resulting gases

In case of fire, a dense black fume can be developed. The inhalation of the hazardous decomposition products may cause a serious health damage.

5.3. Advice for firefighters

Keep a breathing protection device prepared.

A. Additional information

Cool with water the tanks, cisterns or containers close to sources of heat or fire. Do not allow fire-fighting residue to enter drains, sewers or water courses.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the affected area. Do not inhale vapours. See protection measures under sections 7 and 8.

6.2. Environmental precautions

Avoid contamination of drains, surface or subterranean water and soil. In the case of large scale spills or when the product contaminates lakes, rivers or sewages, inform the appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Spilled material: stop and absorb with absorbent incombustible material (earth, sand, vermiculite, diatomaceous earth, etc.) according to local regulations, dispose together in expected containers (see section 13). After that, wash the area with detergents. Do not use solvents.

6.4. Reference to other sections

Act according to safety regulations (see sections 7 and 8).

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin, eyes and clothes. Avoid the inhalation of abrasive dust. Do not eat, drink or smoke during handling. Personal protection: see section 8. Do not empty pressurized recipients – it is not a pressurized recipient! Store only in original containers. Follow legal regulations on protection and safety.

7.2. Conditions for a safety storage, including incompatibilities

- **Requirements to be met by storerooms and receptacles**

Store according to service safety regulations. Keep the recipient well closed. Do not empty pressurized recipients – it is not a pressurized recipient! Do not smoke. Do not permit the access to an unauthorized people.

Keep closed containers in a vertical position to avoid any escape of product. Soils must comply with regulations to avoid electrostatic charges (TRBS 2153)".

- **Information about storage in one common storage facility**

Keep away from acid and alkalis substances, also keep away from oxidizing substances.

• Further information about storage conditions

Store in dry and well ventilated room, in a temperature between 15°C and 30°C. Keep the container well closed. No entry for unauthorized persons. Keep containers closed upright, to prevent leaks of the product.

7.3. Specific end uses

Comply with technical data sheet and safety data sheet.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limit values: n.a.

8.2. Exposure control

Ensure a good ventilation by local or general aspiration.

A. Occupational exposure controls

• Protection of respiratory system

Not applicable.

• Protection of hands and skin

For a prolonged or repeated use, use gloves made of the following material: Nitrile
 Glove material thickness: 0,4mm. Breakthrough time: 30 min.
 Take in account the indications and information given by the manufacturer about the use, storage and maintenance of the gloves. The exact breakthrough time depends of the penetration times, rates of diffusion and the degradation, and also of the exposure.
 Recommended products: DIN EN 374. Protective creams may help to protect the skin parts exposed, but after skin contact, do not use cream.

• Eye protection

Use tightly sealed goggles in case of splash risk.

• Body protection

Use suitable protection clothes and gloves.

• Protection measures

After skin contact, wash the skin with water and soap or use an appropriate cleanser.

B. Environmental exposure controls

Do not allow to enter into sewers and drains. See section 7. No more measures have to be taken.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic physical and chemical properties

From	liquid
Colour	grey
Olour	atypical
Flammability	n.a.
Ignition temperature °C	n.a.
Lower explosive limit	n.a.

Upper explosive limit	n.a.
Vapour pressure at 20 °C	n.a.
Density at 20 °C	1,72 g/cm ³
Solubility/miscibility in water (g/L)	parcialmente soluble
pH at 20 °C	10,50 100,0
Viscosity	pasty
Solvent separation test (%)	< 3 %
Solids content (%)	64 Weight %
Solvents content	
Organic solvents	0,00 Weight %
Water	35,75 Weight %

9.2. Additional information

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10. STABILITY AND REACTIVITY

10.1. Reactivity

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10.2. Chemical stability

Stable under normal a recommended application and storage. Other information on correct storage: see section 7.

10.3. Possibility of dangerous reactions

To avoid exothermic reactions, keep away from strong acids and strong oxidizing agents.

10.4. Conditions to avoid

Stable under normal a recommended application and storage. Other information on correct storage: see section 7. Under high temperatures, may form hazardous decomposition products.

10.5. Incompatible materials

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10.6. Dangerous decomposition products

Under high temperatures, may form hazardous decomposition products like: carbon dioxide, carbon monoxide, fumes, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Classification according to Regulation (CE) n.º 1272/2008 [CLP]

There is no indication on the product itself.

11.1. Information on toxicological effects

A. Extreme toxicity

No toxicological data available.

B. Irritation

No toxicological data available.

C. Sensibilization

No toxicological data available.

D. CMR-Effects (carcinogen, damages reproduction capacity)

No toxicological data available.

E. Specific target organ toxicity

No toxicological data available.

F. Risks by inhalation

No toxicological data available.

G. Practical experiences in humans

Various observations: a prolonged and repeated exposure with the product can cause a degreasing effect to skin and can cause non-allergic skin contact damages (contact dermatitis) and/or the reabsorption of the harmful substance. Splashed may cause eye irritation and reversible damages.

H. CMR evaluation

The ingredients of this mixture does not comply with categories of CMR 1 or 2 according to CLP.

I. Observation

No existing indications about the mixture.

12. ECOLOGICAL INFORMATION

Total accuracy

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

There is no indication on the product itself.

Do not empty or sewage system or drains.

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No toxicological data available.

12.3. Bioaccumulation potential

No toxicological data available.

12.4. Mobility in soil

No toxicological data available.

12.5. Results of PBT and vPvB assessment

The substances of the mixture does not comply with PBT and vPvB criteria according to REACH annex XIII.

12.6. Other adverse effects

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13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

A. Product – Appropriate disposal

Recommendation: Do not allow product to reach sewage system or drains. Dispose off the residues of the product and its containers according with any precautions. Dispose off according to Directive 2008/98/EC about waste and hazardous waste.

- **European waste catalogue**

08 04 10 Waste adhesives and sealants other than those mentioned in 08 04 09.

B. Uncleansed packages

Recommendation: Clean containers must be recycled. Not emptied containers are special residues.

14. TRANSPORT INFORMATION

This preparation is not classified as dangerous according to international transport instructions (ADR / RID, IMDG, ICAO / IATA). The product is not a hazardous material according to transportation regulations.

14.1. UN-Number

N.a.

14.2. UN proper shipping name

N.a.

14.3. Transport hazard class

N.a.

14.4. Packaging group

N.a.

14.5. Environmental hazards

ADR/RID: n.a.

Marine pollutant: n.a.

14.6. Special precautions for users

Transport always in closed, vertical and safe containers. Make sure that the persons that have to transport this product know what to do in case of accident or spillage. Safety handling information: see sections 6 and 8.

A. Additional information

Land transport (ADR/RID): Tunnel restriction code: -

Maritime transport (IMDG): Number EmS: n,a,

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

Not applicable.

15. REGULATORY INFORMATION

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

A. EU Regulations

- **Report of the Directive 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-RL):**

Value - VOC (en g/L) ISO 11890-2:	0
Value - VOC (en g/L) ASTM D 2369:	0

- **According to regulation (EU) 2004/42/EC (annex III)**

Limit value (EU) for this product (product category not applicable): 0 g/l (2007) / 0 g/l (2010).
This product contains a max. of <1 g/l VOC.

B. National regulations

- **Occupational exposure limit indications:**

Comply with mother's protection law (92/85/EEC) for pregnant and lactating mothers. Comply with youth employment law (94/33/EU).

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

16. OTHER INFORMATION

Carbons:

16.1. Additional information

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

The information in this safety data sheet is based on our current knowledge and EU regulations. The national product and can only add to the applications mentioned in Chapter 1 without a written authorization. It is always the work of the consignor, to take all necessary measures to comply with the rules and local laws. The information in this safety data sheet describes the safety requisites of our product and it is not a security of the properties of the product.