

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

NAME OF THE PRODUCT	CERATEX 2000 Cavity wax in brown 1L
CODE	070023
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. Classification in accordance with Regulation (EC) n° 1272/2008 - 286/2011 (CLP)

Flammable liquids, Category 3 - H226: Flammable liquid and vapour.

Specific target organ toxicity - single exposure, Category 3, Central nervous system - H336: May cause drowsiness or dizziness.

Chronic aquatic toxicity, Category 2 - H411: Toxic to aquatic life with long lasting effects.

B. Classification in accordance with Directive 1999/45/EC – 2006/8/EC (DPD)

Flammable - R10: Flammable.

Dangerous for the environment - R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

2.2. Label elements

A. According with Regulation (EC) n° 1272/2008 (CLP)

- Hazard pictograms**



- Signal word**

WARNING

• **Hazard statements**

- H226 Flammable liquid and vapour.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
- EUH066 Repeated exposure may cause skin dryness or cracking.

• **Precautionary statements**

Prevention:

- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P280 Wear protective gloves/ protective clothing/eye protection/ face protection.
- P285 In case of inadequate ventilation wear respiratory protection.

Response:

- P303 + P361 + P533 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.

Disposal:

- P273 Avoid release to the environment.
- P391 Collect spillage.
- P501a This material and its container must be disposed of in a safe way.

• **Hazardous ingredients**

Hydrocarbons C9-C12 (aromatics 2-25%)

2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical nature: Paint

A. Hazardous ingredients

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
Hydrocarbons C9-C12 (aromatics 2- 25%)	64742-82-1 01- 2119458049- 33	R10 Xn; R65 R66-R67 N; R51/53	Flam. Liq. 3 H226 STOT SE 3:H336 Asp. Tox. 1:H304 H411	>= 50 - < 70

For explanation of abbreviations see section 16.

4. FIRST AID MEASURES

4.1. Description of first-aid measures and main symptoms and effects, acute and delayed

A. General advice

Move out of dangerous area.

Consult a physician.
Show this safety data sheet to the doctor in attendance.

B. If inhaled

Move to fresh air.
Consult a physician after significant exposure.

C. In case of skin contact

Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.

D. In case of eye contact

Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

E. If swallowed

Clean mouth with water and drink afterwards plenty of water.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation may provoke the following symptoms:

Headache
Vertigo
Fatigue
Weakness

Skin contact may provoke the following symptoms:

Redness
Pain

Ingestion may provoke the following symptoms:

Abdominal pain
Nausea
Vomiting
Diarrhoea

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: No information available.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, Dry chemical
Unsuitable extinguishing media: High volume water jet

5.2. Special hazards arising from the substance or mixture

A. Specific hazards during firefighting

Do not use a solid water stream as it may scatter and spread fire. Do not allow run-off from firefighting to enter drains or water courses.

B. Hazardous combustion products

No hazardous combustion products are known

5.3. Advice for firefighting

A. Special protective equipment for firefighters:

In the event of fire, wear self-contained breathing apparatus.

B. Further information:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal.

6.4. Reference to other sections

For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

A. Advice on safe handling

For personal protection see section 8.

Dispose of rinse water in accordance with local and national regulations.

B. Advice on protection against fire and explosion

Avoid formation of aerosol. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

C. Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

7.2. Conditions for safe storage, including incompatibilities

A. Requirements for storage areas and containers

No smoking. Keep container tightly closed in a dry and wellventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

B. Storage period

12 Months

C. Other data

No decomposition if stored and applied as directed

7.3. Specific end uses

For the use of this product do not exist particular recommendations apart from that already indicated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Components	Nº CAS	Value type (Form of exposure)	Control parameters	Bis
Silicon dioxide	112945-52-5	TWA (Inhalable)	6 mg/m ³	GB EH40
Further information	<p>For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust, The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m-3 8-hour TWA of inhalable dust or 4 mg.m-3 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit., Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed 'inhalable' and 'respirable'. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3., Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with., Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used</p>			
Silicon dioxide	112945-52-5	TWA (Respirable)	2.4 mg/m ³	GB EH40
Further information	For the purposes of these limits, respirable dust and inhalable			

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8.2. Exposure controls

A. Personal protective equipment

- **Eye protection**

Eye wash bottle with pure water. Tightly fitting safety goggles.

- **Hand protection**

Remarks: Solvent-resistant gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before removing gloves clean them with soap and water.

- **Skin and body protection**

Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

- **Respiratory protection**

In the case of vapour formation use a respirator with an approved filter.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	liquid, viscous
Colour	beige, translucent
Odour	characteristic
Melting point/range	not determined
Boiling point/boiling range	not determined
Flash point	41 °C
	Method: ISO 1523, closed cup
	Setaflash
Upper explosion limit	not determined
Lower explosion limit	not determined
Density	0.9 g/cm ³ (20 °C)
	Method: ISO 2811-1
Solubility(ies)	
Water solubility	immiscible
Viscosity	
Viscosity, dynamic	36,000 mPa.s (20 °C)
	Method: ISO 2555
Viscosity, kinematic	> 20.5 mm ² /s (40 °C)

9.2. Other information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity

Stable under recommended storage conditions.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if used as directed. Vapours may form explosive mixture with air.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Oxidizing agents. Strong acids and strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products: Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

A. Acute toxicity

Hydrocarbons C9-C12 (aromatics 2-25%)	
Acute oral toxicity	LD50 Oral (Rat): > 5,000 mg/kg Method: OECD Test Guideline 401

Acute inhalation toxicity	LC50 (Rat): > 13,100 mg/l Exposure time: 4 h Method: OECD Test Guideline 403
Acute dermal toxicity	LD50 (Rabbit): > 2,000 mg/kg Method: OECD Test Guideline 402

B. Skin corrosion/irritation

Product:

Remarks: Based on available data, the classification criteria are not met.

C. Serious eye damage/eye irritation

Product:

Remarks: Based on available data, the classification criteria are not met.

D. Respiratory or skin sensitisation

Product:

Remarks: Based on available data, the classification criteria are not met.

E. Germ cell mutagenicity

Product:

Germ cell mutagenicity- Assessment: Based on available data, the classification criteria are not met.

F. Carcinogenicity

Product:

Carcinogenicity - Assessment: Based on available data, the classification criteria are not met.

G. Reproductive toxicity

Product:

Reproductive toxicity - Assessment: Based on available data, the classification criteria are not met.

H. STOT - single exposure

Product:

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects.

I. STOT - repeated exposure

Product:

Remarks: Based on available data, the classification criteria are not met.

J. Aspiration toxicity

Product:

Based on available data, the classification criteria are not met.

K. Further information

Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Components	
Hydrocarbons C9-C12 (aromatics 2-25%):	
Toxicity to fish	LC50 (Fish): > 10 mg/l Exposure time: 96 h Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia (water flea)): > 10 mg/l Exposure time: 48 h Method: OECD Test Guideline 202
Toxicity to algae	EC50 (Algae): 4.6 mg/l Exposure time: 72 h Method: OECD Test Guideline 201

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

Product:

Assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6. Other adverse effects

Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Offer surplus and non-recyclable solutions to a licensed disposal company.

A. Contaminated packaging

Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

14. TRANSPORT INFORMATION

14.1. UN Number

ADR: UN 1263
 IMDG: UN 1263
 IATA: UN 1263

14.2. UN proper shipping name

ADR: PAINT
 IMDG: PAINT
 IATA: Paint

14.3. Transport hazard class(es) and packing group

ADR: 3
 IMDG: 3
 IATA: 3

14.4 Packing group

ADR
 Packing group: III
 Classification Code : F1
 Hazard Identification Number: 33
 Labels: 3

IMDG

Packing group: III
 Labels: 3
 EmS Code: F-E, S-E

IATA

Packing instruction (cargo aircraft): 366
 Packing instruction (LQ): Y344
 Packing group: III
 Labels: Flammable Liquids

14.5. Environment hazards

ADR
 Environmentally hazardous: no
 IMDG
 Marine pollutant : yes

14.6. Special precautions for user

Not applicable.

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

Not applicable for product as supplied.

15. REGULATORY INFORMATION

15.1. EU safety, health and environmental regulations/legislation specific

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

		Quantity 1	Quantity 2
P5c	FLAMMABLE LIQUIDS	5,000 t	50,000 t
E2	ENVIRONMENTAL HAZARDS	200 t	500 t
34	Petroleum products: (a) gasolines and naphthas, (b)	2,500 t	25,000 t

	kerosenes (including jet fuels), (c) gas oils (including diesel fuels, home heating oils and gas oil blending streams)		
Volatile organic compounds	522 g/l		
Directive 2004/42/EC	Special finishes (840 g/l)		
Other regulations	The product is classified and labelled in accordance with EC directives or respective national laws.		

15.2. Chemical safety assessment

Not applicable (mixture).

16. OTHER INFORMATION

16.1. Text of the phrases and notes referenced in section 2 and/or 3

Full text of R-Phrases

R10 Flammable.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Full text of H-Statements

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

The information of this Material Safety Data Sheet, is based on the present state of knowledge and on current UE and national laws, as the users' working conditions are beyond our knowledge and control. The product is not to be used for other purposes than those specified, without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this Material Safety Data Sheet is meant as a description of the safety requirements of the product and it is not to be considered as a guarantee of the product's properties.