

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY

NAME OF THE PRODUCT	GRAVIBOSS HS Undercoating spray, 500 ml
CODE	110062
DISTRIBUTOR	BOSSAUTO INNOVA, S.A.
ADDRESS	c/ Thomas Edison 16, Apartado de correos 95
CITY	08430 La Roca del Vallés (Barcelona)
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2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

A. Classification under CLP

Aquatic Chronic 3: H412; Flam. Aerosol 1: H222; Skin Sens. 1: H317; STOT SE 3: H336; Eye Irrit. 2: H319; Skin Irrit. 2: H315; -: EUH066; -: H229

B. Most important adverse effects

Repeated exposure may cause skin dryness or cracking. Extremely flammable aerosol. Pressurised container: May burst if heated. May cause an allergic skin reaction. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

2.2. Label elements

• Hazard statements

EUH066: Repeated exposure may cause skin dryness or cracking.
 H222: Extremely flammable aerosol.
 H229: Pressurised container: May burst if heated
 H317: May cause an allergic skin reaction.
 H336: May cause drowsiness or dizziness.
 H412: Harmful to aquatic life with long lasting effects.

• Hazard pictograms:

GHS02: Flame
 GHS07: Exclamation mark



• **Signal words:**

Danger

• **Precautionary statements:**

P501: Dispose of contents/container to an approved waste disposal according to local/regional/national/international regulations.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Do not pierce or burn, even after use.

P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

P260: Do not breathe spray.

P102: Keep out of reach of children.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixture

EINECS	CAS	PBT / WEL	CLP Classification	Percent
N-BUTYL ACETATE				
204-658-1	123-86-4	-	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	10-30%
PROPANE - REACH registered number(s): 01-2119486944-21-XXXX				
200-827-9	74-98-6	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	10-30%
ETHYL ACETATE				
205-500-4	141-78-6	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
HYDROCARBONS, C7-C9, N-ALKANES, ISOALKANES, CYCLICS - REACH registered number(s): 01-2119475515-33				
-	-	-	STOT SE 3: H335; STOT SE 3: H336; Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; Aquatic Chronic 2: H411	1-10%
BUTANE - REACH registered number(s): 01-2119474691-32-XXXX				
203-448-7	106-97-8	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10%
ISOBUTANE				
200-857-2	75-28-5	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	1-10%
ROSIN				
232-475-7	8050-09-7	-	Skin Sens. 1: H317	1-10%
XYLENE				
215-535-7	1330-20-7	-	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	1-10%

VINYLTRIMETHOXYSILANE			
220-449-8	2768-02-7	-	Flam. Liq. 2: H225; Skin Irrit. 2: H315; Eye Irrit. 2: H319
(3-AMINOPROPYL)TRIMETHOXYSILANE			
237-511-5	13822-56-5		Skin Irrit. 2: H315; Eye Dam. 1: H318

For the text of the R-phrases/H-phrases and classification codes (GHS/CLP), see Section 16.

4. FIRST AID MEASURES

4.1. Description of first aid measures

A. Skin contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Consult a doctor.

B. Eye contact

Bathe the eye with running water for 15 minutes. Consult a doctor.

C. Ingestion

Wash out mouth with water. Consult a doctor.

D. Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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

A. Skin contact

There may be irritation and redness at the site of contact.

B. Eye contact

There may be irritation and redness. The eyes may water profusely.

C. Ingestion

There may be soreness and redness of the mouth and throat.

D. Inhalation

Exposure may cause coughing or wheezing.

E. Delayed / immediate effects

Delayed effects can be expected after long-term exposure.

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

Not applicable.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

In combustion emits toxic fumes.

5.3. Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Refer to section 8 of SDS.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

7.2. Condition for safe storage, including any incompatibilities

Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

A. Hazardous ingredients

Workplace exposure limits:			Respirable dust	
	TWA 8 h	LECP 15 min	TWA 8 h	LECP 15 min
N-BUTYL ACETATE				
UK	724 mg/m ³	966 mg/m ³	-	-
PROPANE				
UK	1800 mg/m ³	7200 mg/m ³	-	-
ETHYL ACETATE				
UK	200 ppm	400 ppm	-	-
BUTANE				
UK	1450 mg/m ³	1810 mg/m ³	-	-
ISOBUTANE				
UK	2400 mg/m ³	9600 mg/m ³	-	-
ROSIN				
UK	0.05 mg/m ³	0.15 mg/m ³	-	-

XYLENE				
UK	220 mg/m3	441 mg/m3		

• DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

A. Engineering measures

Ensure there is sufficient ventilation of the area.

B. Respiratory protection

Self-contained breathing apparatus must be available in case of emergency.

C. Hand protection

Impermeable gloves.

D. Eye protection

Safety glasses. Ensure eye bath is to hand.

E. Skin protection

Impermeable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic physical and chemical properties

State	Aerosol
Colour	Black
Odour	Characteristic odour
Evaporation rate	Not applicable.
Solubility in water	Not miscible
Boiling point/range°C	Not applicable.
Melting point/range°C	No data available.
Flammability limits %	
	lower: 1.2
	upper: 10.9
Flash point °C	<0°C
Part.coeff. n-octanol/water	No data available.
Autoflammability°C	Not applicable.
Vapour pressure	3500hPa
pH	No data available.
VOC g/l	539.0

9.2. Other information

Other information: Density at 20°C (68°F): 0.879 g/cm3 (7.335 lbs/gal)

10. STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Possibly more information on health effects, see Section 2.1 (classification).

A. Hazardous ingredients

N-BUTYL ACETATE			
ORL	MUS	LD50	6 gm/kg
ORL	RAT	LD50	10768 mg/kg
ETHYL ACETATE			
ORL	MUS	LD50	4100 mg/kg
ORL	RAT	LD50	5620 mg/kg
SCU	RAT	LDLO	5 gm/kg
XYLENE			
ORL	MUS	LD50	2119 mg/kg
ORL	RAT	LD50	4300 mg/kg
SCU	RAT	LD50	1700 mg/kg

B. Relevant hazards for product

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

C. Symptoms / routes of exposure

- **Skin contact**

There may be irritation and redness at the site of contact.

- **Eye contact**

There may be irritation and redness. The eyes may water profusely.

- **Ingestion**

There may be soreness and redness of the mouth and throat.

- **Inhalation**

Exposure may cause coughing or wheezing.

- **Delayed / immediate effects**

Delayed effects can be expected after long-term exposure.

- **Other information: STOT-single exposure**

May cause drowsiness or dizziness.

12. ECOLOGICAL INFORMATION

12.1. Toxicity

A. Ecotoxicity values

Species	Test	Value	Units
CAS 141-78-6	-	-	-
Pimephales promelas	96H LC50	18	mg/l
Daphnia magna	24H LC50	205	mg/l
ALGAE	96H EC50	320	mg/l
Daphnia magna	48H EC50	44	mg/l
Cas 123-86-4	-	-	-

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Non contaminated packagings may be recycled

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

14.1. UN number

UN number: UN1950

14.2. UN proper shipping name

Shipping name: AEROSOLS

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

14.5. Environmental hazards

Environmentally hazardous: No
Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.
Tunnel code: D
Transport category: 2

15. REGULATORY INFORMATION

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

Specific regulations: Directive 2012/18/EU

15.2. Chemical safety assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. OTHER INFORMATION

16.1. Other information:

This safety data sheet is prepared in accordance with Commission Regulation (EU) N° 2015/830.

16.2. Phrases used in s.2 and s.3:

EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H226: Flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product