Material Safety Data Sheet

BROGA BROTHERSSafety data sheet according to Regulation (EU) No. 2015/830
Date: 01.01.2017 Revised Date: 01.02.2022
Product: **Suede & Nubuck Renovator Aerosol**
(F3025/MSDS_EU/EN) Version: 3.3

1. Substance/preparation and company identification

Suede & Nubuck Renovator Aerosol

Use: Aerosol Renovator for Suede & Nubuck shoes, boots and accesories.

Company:

Broga Brothers
Address: Knockmitten Lane, Naas Road, Dublin 12, D12AX7F Ireland.
Telephone: +353 1 450 1988
Fax number: +353 1 450 2947
E-mail address: hello@brogabrothers.com

Emergency information:

International emergency number:
Telephone: +353 1 450 1988

2. Hazard identification

Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards:	Flam. Aerosol 1 - H222-H229
Human health:	Eye Irrit. 2 - H319;STOT SE 3 - H336.
Environment:	Not classified.

Label elements

Label In Accordance With (EC) No. 1272/2008

GHS02 Flammable Gas 1

GHS07 Eye Irritation 2

Signal Word:	Danger
Contain:	Ethanol

Hazard Statements

H220 Extremely flammable gas.
H222+H229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary Statements

P102 Keep out of reach of children.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use.
P260 Do not breathe spray.
P271 Use only outdoors or in a well-ventilated area.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340 + P312 IF INHALED: Remove person to fresh air
and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
P501 Dispose of contents/container in accordance with national regulations

Other hazards
This mixture does not contain substances classified as PBT or vPvB.

3. Composition/information on ingredients

Chemical characterization:

Aerosol

Hazardous ingredients:

INCI or Trade Name	CAS No.	EC No.	% by v/v	Symbols	H Phrases
Propan	74-98-6	200-827-9	20 - 30%	GHS02,GHS04	H220
Butane	106-97-8	203-448-7	20 - 30%	GHS02,GHS04	H220
Ethanol	64-17-5	200-578-6	30 - 50%	GHS02,GHS07	H225,H319
1-methoxy-2-propanol	107-98-2	203-539-1	5 - 15%	GHS02,GHS07	H226,H336

*Explanation of H – phrases are given under Section 16.

4. First-aid measures

General advice:

Remove contaminated clothing. NOTE! Keep affected person away from heat, sparks and flames!

If inhaled:

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

On skin contact:

Wash the skin immediately with soap and water. Do not remove clothing that adheres due to freezing. Get medical attention if any discomfort continues.

On contact with eyes:

Spray in the eyes, promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

On ingestion:

Immediately rinse mouth and provide fresh air. Do not induce vomiting.
Get medical attention immediately.

On the dress contact:

Wash of dress warm water and hand soap

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-fighting measures

Suitable extinguishing media:

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder. Water spray.
Do not use water jet as an extinguisher, as this will spread the fire

Special fire fighting procedures:

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

Special protective equipment for fire-fighters:

Fire-fighters should wear appropriate protective equipment and selfcontained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Personal precautions:

Evacuate area. Provide adequate ventilation. Remove all sources of ignition.

Environmental precautions:

Do not allow to enter public sewers and watercourses. If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities.

Methods for cleaning up or taking up:

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Clean with a lot of water. Take up mechanically and dispose of according to local/state/federal regulations.

7. Handling and storage

Handling procedures:

Use only in well ventilated areas.
Keep away from heat and sources of ignition.
Do not spray on a naked flame or incandescent material.
Do not pierce or burn aerosols, even after use.
Do not breathe aerosols or vapours.
Avoid contact with skin and eyes.

Storage procedures:

Pressurizes container: protect from sunlight and do not expose to temperatures exceeding 50 °C.
Keep in a cool, dry, well ventilated place.
Keep out of reach children.

8. Exposure controls and personal protection

Protective equipment



Process conditions:
Use engineering controls to reduce air contamination to permissible exposure level..

Engineering measures:
Provide adequate general and local exhaust ventilation.

Respiratory equipment:
No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

Hand protection
Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection
Wear splash-proof eye goggles to prevent any possibility of eye contact.

Hygiene measures
DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. Isolate contaminated clothing and wash before reuse.

Skin protection:
Wear apron or protective clothing in case of contact.

9. Physical and chemical properties

Appearance:	Aerosol
Colour:	Desired Color
Odour:	Characteristic
Flash point:	<21 °C
Auto-Ignition temperature:	>350 °C
Filling pressure:	5,5-6,5 bar
Pressure in the aerosol at 50 °C:	8,0-8,5 bar
Solubility in water:	Practically insoluble. (Soluble in most organic solvents)
Density:	~0,70 g/ml (before the application at 20 °C)

10. Stability and reactivity

Conditions to e avoided:
Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat and sources of ignition.

Materials to be avoided:
Strong oxidising agent.
Reacts with acids and alcalines.

Hazardous decomposition compunds:
CO, CO_2

11. Toxicological information

Inhalation:
May cause irritation to the respiratory system. Prolonged inhalation of high concentrations may damage respiratory system. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

Acute inhalation toxicity:
Vapours may cause narcotic effects.

Skin contact:
Prolonged/repeated exposure may be irritating to skin causing defatting which can lead to dermatitis.

Eye contact:
Irritating to eyes.

12. Ecological information

There are no data on the ecotoxicity of this product

13. Disposal considerations

Avoid piercing. Do not trow into fire. Do not spray into eyes and face.
Dispose in accordance with local authority regulations.
Completely discharge containers.
Containers may be recycled or re-used.
Observe local/state/federal regulations.

14. Transport information

Land Transport ADR / RID

Proper Shipping Name:	Aerosols
Un No:	1950
IMO Class:	2.1
Packing Group:	II
Tunnel Restriction Code:	(D)

Sea Transport IMDG

Proper Shipping Name:	Aerosols
Un No:	1950
IMO Class:	2.1
Packing Group:	II
Marine Pollutant:	No
EmS:	F - D, S-U

Air Transport IATA/ICAO

Proper Shipping Name:	Aerosols
Un No:	1950
IMO Class:	2.1
Packing Group:	Y203

15. Regulatory information

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

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.
Safety Data Sheets for Substances and Preparations.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. System of specific information relating to Dangerous Preparations. 2001/58/EC.

Chemical Safety Assessment

No chemical safety assessment has been carried out.

16. Other information

Abbreviations and acronyms used in the safety data sheet
ADR: European Agreement on International Carriage of Dangerous Goods by Road.
ADN: European Agreement on the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement on International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO-TI: Technical Specification for Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
TWA: Time weighted average
STEL: Short Term Exposure Limit
ATE: Estimated value of acute toxicity
EC No: European Community number
CAS: Chemical Theory Service.
LD50: Substance that causes 50% (half) death in the test animals group (Median Fatal Dose).
LC50: Substance concentration causing 50% (half) death in the test animals group.
EC50: Effective Concentration of the substance causing the maximum of 50%.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Permanent, Very Biofriendly.
SEA: Classification, labeling, packaging regulation
DNEL: Derivative Inactive Level
PNEC: Estimated Unaffected Concentration
BHOT: Specific Target Organ Toxicity

Hazard Statements In Full
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Information Sources
This SDS is prepared based on the information received from the product owner.

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.
This information is based on our present knowledge, it should not be construed of product properties and establishes no contract legal rights.
· Department issuing MSDS: Department QC / product safety· * Data compared to the previous version.