

Safety data sheet

BLACK SATIN SPRAY



Safety data sheet dated 24/01/2025, revision 6



SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Mixture identification:

Commercial name: BLACK SATIN SPRAY

Commercial code: ET854001-BS

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description/Use: Protective varnish

Uses not recommended: Any use not specified in this section nor in section 7.3

1.3. Details of the supplier of the safety data sheet

ETALON is a brand of Alexport Company.

Industrial Area Sindos, P.C. 570 22, Thessaloniki, Greece

Tel: +30 2310 501814, info@alexport.gr

www.alexport.gr, www.etalon-refinish.com


1.4. Emergency telephone number


112 or call your local doctor/poison center


SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Criteria Regulation EC 1272/2008 (CLP):

 Danger, Aerosols 1, Extremely flammable aerosol. Pressurized container: May explode if heated.

 Warning, Eye Irrit. 2, Causes serious eye irritation.

 Warning, STOT SE 3, May cause drowsiness or dizziness.

Adverse physicochemical effects on human health and the environment:

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No other danger

2.2. Label elements

Hazard pictograms:



Danger

Hazard statements:

H222, H229 Extremely flammable aerosol. Pressurized container: May burst if heated.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary advice:

P102 Keep out of reach of children within the reach of children.

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.

P261 Avoid breathing spray.

P264 Wash thoroughly after use

P271 Use only outdoors or in a well-ventilated area.

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P312 Call a POISON CENTER/doctor if you feel unwell.

P337+P313 If eye irritation persists: Get medical advice/attention.

P403+P233 Keep container tightly closed and in a well-ventilated place.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with regulations.

Special provisions:

Removal solvent: acetone or nitro thinner.

Vandalism of the product carries serious criminal penalties.

Contains:

acetone; 2-propanone; propanone

1-methoxy-2-propanol; propylene glycol mono methyl ether

n-butyl acetate

Special provisions under Annex XVII of REACH and subsequent amendments:

None

2.3. Other dangers

No PBT, vPvB or endocrine disrupting substances present at concentrations $\geq 0.1\%$

Other dangers:

No other danger

SECTION 3: Composition/information on ingredients

3.1. Substances

















NA

3.2. Mixtures

Hazardous components according to the CLP Regulation and related classification:

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Qty	Name	Identification number	Classification
>= 25% - < 30%	acetone; 2-propanone; propanone	Index Number: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2	 2.6/2 Flam. Liq. 2 H225  3.3/2 Eye Irrit. 2 H319  3.8/3 STOT SE 3 H336 EUH066
>= 20% - < 25%	propane	Index Number: 601-003-00-5 CAS: 74-98-6 EC: 200-827-9	 2.2/1 Flam. Gas 1 H220  2.5 Gas Press. H280
>= 7% - < 10%	xylene	Index Number: 601-022-00-9 CAS: 1330-20-7 EC: 215-535-7	 2.6/3 Flam. Liq. 3 H226  3.2/2 Skin Irrit. 2 H315  3.1/4/Dermal Acute Tox. 4 H312  3.1/4/Inhal. Acute Tox. 4 H332
>= 10% - < 12.5%	butane	Index Number: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7	 2.2/1 Flam. Gas 1 H220  2.5 Gas Press. H280
>= 5% - < 7%	n-butyl acetate	Index Number: 607-025-00-1 CAS: 123-86-4 EC: 204-658-1	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336 EUH066
>= 5% - < 7%	isobutane	Index Number: 601-004-00-0 CAS: 75-28-5 EC: 200-857-2	 2.2/1 Flam. Gas 1 H220  2.5 Gas Press. H280
>= 1% - < 2.5%	1-methoxy-2-propanol; propylene glycol mono methyl ether	Index Number: 603-064-00-3 CAS: 107-98-2 EC: 203-539-1	 2.6/3 Flam. Liq. 3 H226  3.8/3 STOT SE 3 H336

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Remove contaminated clothing immediately.

Wash immediately with plenty of running water and possibly soap any areas of the body that have come into contact with the product, even if only suspected.

Wash your body completely (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

In case of contact with skin, wash immediately with plenty of water and soap.

In case of contact with eyes:

In case of contact with eyes, rinse with water for an adequate period of time and keeping the eyelids open, then consult an ophthalmologist immediately.

Protect the uninjured eye.

If swallowed:

Do not induce vomiting. SEEK MEDICAL VISIT IMMEDIATELY.

In case of inhalation:

Remove the injured person to fresh air and keep him warm and at rest.

4.2. Main symptoms and effects, both acute and delayed

Nobody

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- 4.3. Indication of any need to immediately consult a doctor and require special treatment
In case of accident or unwellness, seek medical advice immediately (show instructions for use or safety data sheet if possible).
Treatment:
Nobody
-

SECTION 5: Fire-fighting measures

- 5.1. Extinguishing media
Suitable extinguishing media:
CO2 or Powder Fire Extinguisher.
Extinguishing media which must not be used for safety reasons:
No one in particular.
- 5.2. Special hazards arising from the substance or mixture
Do not inhale gases produced by explosion and combustion.
Combustion produces heavy smoke.
- 5.3. Recommendations for firefighters
Use appropriate respiratory equipment.
Collect contaminated fire-fighting water separately. Do not discharge into sewer system.
If safe to do so, remove undamaged containers from the immediate danger area.
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SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protective equipment.
Remove all sources of ignition.
Move people to safety.
See protective measures set out in points 7 and 8.
- 6.2. Environmental precautions
Prevent penetration into soil/subsoil. Prevent runoff into surface water or sewer system.
Retain contaminated wash water and discard.
In case of gas leak or entry into waterways, soil or sewerage system, inform the responsible authorities.
Suitable material for collection: absorbent material, organic, sand
- 6.3. Methods and materials for containment and remediation
Wash with plenty of water.
- 6.4. Reference to other sections
See also paragraph 8 and 13
-

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Avoid contact with skin and eyes, inhalation of vapors and mists.
Do not use empty containers until they have been cleaned.
Before transferring, make sure that there are no residual incompatible materials in the containers.
Please also refer to paragraph 8 for recommended protective devices.
General recommendations on occupational hygiene:
Contaminated clothing must be changed before entering dining areas.
Do not eat or drink while working.
- 7.2. Conditions for safe storage, including any incompatibilities
Always store in well-ventilated areas.
Store below 20°C. Keep away from open flames and heat sources. Avoid direct exposure to sunlight.
Keep away from open flames, sparks and heat sources. Avoid direct exposure to sunlight.
Keep away from food, drink and animal feeding stuffs.
Incompatible materials:

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Nothing in particular.
Directions for the premises:
Fresh and adequately ventilated.

7.3. Specific end uses

No particular use

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

acetone; 2-propanone; propanone - CAS: 67-64-1

EU - TWA(8h): 1210 mg/m³, 500 ppm

ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

propane - CAS: 74-98-6

ACGIH - Notes: (D, EX) - Asphyxia

xylene - CAS: 1330-20-7

EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Note: Skin

ACGIH - TWA(8h): 20 ppm - Notes: A4, BEI - URT and eye irr; hematologic effect; CNS impairment

butane - CAS: 106-97-8

ACGIH - STEL: 1000 ppm - Notes: (EX) - CNS impair

n-butyl acetate - CAS: 123-86-4

ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Note: Eye and URT irr

EU - TWA(8h): 241 mg/m³, 50 ppm - STEL: 723 mg/m³, 150 ppm

isobutane - CAS: 75-28-5

ACGIH - STEL: 1000 ppm - Notes: (EX) - CNS impair

1-methoxy-2-propanol; propylene glycol mono methyl ether - CAS: 107-98-2

EU - TWA(8h): 375 mg/m³, 100 ppm - STEL: 563 mg/m³, 150 ppm - Note: Skin

ACGIH - TWA(8h): 50 ppm - STEL: 100 ppm - Note: A4 - Eye and URT irr

DNEL Exposure Limit Values

NA

PNEC Exposure Limit Values

NA

8.2. Exposure controls

Eye Protection:

Use closed safety visors, do not use eye lenses.

Skin protection:

Wear clothing that provides full skin protection, e.g. cotton, rubber, PVC or Viton.

Hand Protection:

Use protective gloves that provide full protection, e.g. PVC, neoprene or rubber.

Respiratory protection:

Use appropriate respiratory protection.

Thermal risks:

Nobody

Environmental exposure controls:

Nobody

Suitable technical checks:

Nobody

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value
Appearance and color:	Colored liquid

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Odor:	Characteristic
Odor threshold:	NA
pH:	NA
Melting/Freezing Point:	NA
Initial boiling point and boiling range:	NA
Flash point:	< 0 °C
Evaporation rate:	NA
Solid/gas flammability:	NA
Upper/lower flammability or explosive limits:	NA
Vapor pressure:	NA
Vapor density:	NA
Relative density:	0.90 gr/ml approx.
Water solubility:	Insoluble
Solubility in oil:	Soluble
Partition coefficient (n-octanol/water):	NA
Autoignition temperature:	NA
Decomposition temperature:	NA
Viscosity:	NA
Explosive properties:	NA
Oxidizing properties:	NA
VOC	685.27 gr/l

9.2. Other information

Property	Value
Miscibility:	NA
Lipid solubility:	NA
Conductivity:	NA
Characteristic properties of groups of substances	NA

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

May generate flammable gases on contact with elementary metals (alkalis and alkaline earths), nitrides, strong reducing agents.

May catch fire on contact with oxidizing mineral acids, strong oxidizing agents.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Avoid contact with combustible materials. The product may catch fire.

10.6. Hazardous decomposition products

Nobody.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information regarding the product:

NA

Toxicological information regarding the main substances present in the product:

a) acute toxicity:

Unless otherwise specified, the data required by Regulation (EU) 2020/878 indicated below are to be understood as NA:

a) acute toxicity;

acetone; 2-propanone; propanone CAS: 67-64-1

Test: LD50 oral (rat): 5,800 mg/kg

Test: Dermal LD50 (rabbit): 20,000 mg/kg

Test: LD50 inhalation (rat): 50,100 mg/m³ (4 hours exposure)

Xylene (CAS: 1330-20-7)

LD50 oral (rat): 5,000 mg/kg

LD50 dermal (rabbit): 1,700 mg/kg

LD50 inhalation (rat): 29,000 mg/m³ (4 hours exposure)

n-Butyl Acetate (CAS: 123-86-4)

LD50 oral (rat): 8,000 mg/kg

LD50 dermal (rabbit): 17,500 mg/kg

LD50 inhalation (rat): 22,000 mg/m³ (4 hours exposure)

1-Methoxy-2-propanol (CAS: 107-98-2)

LD50 oral (rat): 5,000 mg/kg

LD50 dermal (rabbit): 9,000 mg/kg

LD50 inhalation (rat): 2,500 mg/m³ (4 hours exposure)

b) skin corrosion/irritation;

c) serious eye damage/eye irritation;

d) respiratory or skin sensitization;

e) germ cell mutagenicity;

f) carcinogenicity;

g) reproductive toxicity;

(h) specific target organ toxicity (STOT) — single exposure;

(i) specific target organ toxicity (STOT) — repeated exposure;

j) danger in case of aspiration.

11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptors present in concentration \geq 0.1%

SECTION 12: Ecological information

12.1. Toxicity

Use according to good working practices, avoiding dispersing the product into the environment.

NA

12.2. Persistence and degradability

Nobody

NA

12.3. Bioaccumulative potential

NA

12.4. Mobility in soil

NA

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- 12.5. Results of PBT and vPvB assessment
vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties
No endocrine disruptors present in concentration $\geq 0.1\%$
- 12.7. Other adverse effects
Nobody

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods
The waste codes are to be considered as recommendations based on the foreseeable use of this product. Depending on the particular use and disposal characteristics of the user, different codes may be assigned.
160504 gases in pressure containers (including halons), containing dangerous substances. Recover if possible. Send to authorized disposal facilities or to incineration under controlled conditions. Operate in accordance with current local and national regulations.

SECTION 14: Transport information

- 14.1 UN number:
ADR-UN Number: A 1950
IATA-UN Number: A 1950
IMDG-UN NUMBER: A 1950
- 14.2 UN proper shipping name:
ADR-Shipping Name: Aerosol
IATA-Technical name: Aerosol
IMDG - Technical name: Aerosol
Limited Quantity: max 1000ml Total gross mass of Package does not exceed 30 kg LQ2
- 14.3 Transport hazard class(es):
ADR-Class: 2.1
ADR Label: UN 1950 Aerosols – Limited quantity
IATA-Class: 2.1
IATA Label: 2.1
IMDG-Class: 2.1
IMDG Label: UN 1950 Aerosols – Limited quantity
- 14.4 Packing group:
ADR-Packing Group: no
- 14.5 Environmental hazards
Marine pollutants: No
- 14.6 Special precautions for users
IMDG - Technical name: Aerosols
Limited Quantity: max 1000ml Total gross mass of Package does not exceed 30 kg LQ2
IMDG-EMS: FD
IMDG-MFAG: ON
- 14.7 Transport of bulk cargoes according to Annex II of MARPOL 73/78 and the IBC Code
No

SECTION 15: Regulatory information

- 15.1. Legislative and regulatory provisions on health, safety and environment specific for the substance or mixture
Legislative Decree 9/4/2008 n. 81
DM Lavoro 26/02/2004 (Occupational exposure limits)
Regulation (EC) No. 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)
Regulation (EC) no. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) No. 2020/878

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Regulation (EU) No 286/2011 (ATP 2 CLP)
Regulation (EU) No. 618/2012 (ATP 3 CLP)
Regulation (EU) No 487/2013 (ATP 4 CLP)
Regulation (EU) No 944/2013 (ATP 5 CLP)
Regulation (EU) No. 605/2014 (ATP 6 CLP)
Regulation (EU) No. 2015/1221 (ATP 7 CLP)
Regulation (EU) No. 2016/918 (ATP 8 CLP)
Regulation (EU) No. 2016/1179 (ATP 9 CLP)
Regulation (EU) No. 2017/776 (ATP 10 CLP)
Regulation (EU) No. 2018/669 (ATP 11 CLP)
Regulation (EU) No. 2018/1480 (ATP 13 CLP)
Regulation (EU) No. 2019/521 (ATP 12 CLP)
Regulation (EU) No. 2020/217 (ATP 14 CLP)
Regulation (EU) No. 2020/1182 (ATP 15 CLP)
Regulation (EU) No. 2021/643 (ATP 16 CLP)
Regulation (EU) No. 2021/849 (ATP 17 CLP)
Regulation (EU) No. 2022/692 (ATP 18 CLP)
Regulation (EU) No. 2023/707
Regulation (EU) No. 2023/1434 (ATP 19 CLP)
Regulation (EU) No. 2023/1435 (ATP 20 CLP)
Regulation (EU) No. 2024/197 (ATP 21 CLP)

Restrictions relating to the product or the substances contained in it according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent amendments:

Product Restrictions:

Restriction 3

Restriction 40

Restrictions on the substances contained:

Restriction 75

Where applicable, please refer to the following regulations:

Ministerial Circulars 46 and 61 (Aromatic amines).

Directive 2012/18/EU (Seveso III)

Regulation 648/2004/EC (Detergents).

DL 3/4/2006 n. 152 Environmental regulations

Dir. 2004/42/EC (VOC Directive)

Provisions relating to EU Directive 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

The product belongs to the categories: P3a

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture.

SECTION 16: Other information

Text of sentences used in paragraph 3:

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

H220 Extremely flammable gas.

H280 Contains gas under pressure; may explode if heated.

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H312 Harmful in contact with skin.

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H332 Harmful if inhaled.

Hazard class and category	Code	Description
Gas flame 1	2.2/1	Flammable gas, Category 1
Aerosols 1	2.3/1	Aerosols, Category 1
Gas Press.	2.5	Gas under pressure
Flam. Liq. 2	2.6/2	Flammable liquid, Category 2
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Dermis	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Inhal	Acute toxicity (inhalation), Category 4
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3

Classification and procedure used to derive it under Regulation (EC) 1272/2008 [CLP] in relation to mixtures:

Classification according to Regulation (EC) No 1272/2008	Classification procedure
Aerosols 1, H222, H229	Based on experimental evidence
Eye Irrit. 2, H319	Calculation method
STOT SE 3, H336	Calculation method

This document has been prepared by a competent SDS technician who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

CCNL - Annex 1

Istituto Superiore di Sanità - National Inventory of Chemical Substances

The information contained herein is based on our knowledge at the date indicated above. It refers only to the product indicated and does not constitute a guarantee of particular qualities.

The user is responsible for ensuring the suitability and completeness of such information in relation to the specific use to which it is to be put.

This card cancels and replaces any previous edition.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstract Service (division of the American Chemical Society).
CLP:	Classification, Labelling, Packaging.
DNEL:	Derived level without effect.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
MaterialVo:	Ordinance on Hazardous Substances, Germany.
GHS:	General harmonized system of classification and labelling of chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulations of the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical instructions of the "International Civil Aviation Organization" (ICAO).

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IMDG:	International Maritime Dangerous Goods Code.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration for 50 percent of the tested population.
LD50:	Lethal dose for 50 percent of the tested population.
PNEC:	Expected no-effect concentration.
RID:	Regulations concerning the international carriage of dangerous goods by rail.
IS:	Acute toxicity estimate
STAmix:	Acute Toxicity Estimate (Mixtures)
STEL:	Short-term exposure limit.
STOT:	Target organ specific toxicity.
TLV:	Threshold limit value.
TWA:	Time-weighted average
WGK:	German water hazard class.