



Finess Bruinoleum

[UNOFFICIAL DOCUMENT]

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

Date of issue: 4-8-2016 Revision date: 4-8-2016 Supersedes: 16-1-2015 Version: 1.1

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

1.1. Product identifier

Product form : Mixture
Product name : Finess Bruinoleum
[UNOFFICIAL DOCUMENT]
Product code : 15035060100
Product group : Trade product

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

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer uses, Professional use, Industrial use
Use of the substance/mixture : Consumer uses: Private households (= general public = consumers)
Paint

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

S.P.S. BV
Zilverenberg 16
5234 GM 's-Hertogenbosch. - Nederland.
T +31 (0)73 642 27 10 - F +31 (0)73 642 60 95
info@spsbv.com - www.spsbv.com

Responsible formatting SDS

Mantech Nederland B.V.
Kobaltweg 7
5234 GN 's-Hertogenbosch - Nederland
T +31 (0)73 70 70 112 - F +31 (0)73 64 43 861
info@mantechbv.nl - www.mantechbv.nl

1.4. Emergency telephone number

Emergency number : SPS BV.: +31 73 642 27 10 [7:30 - 16:30]

NL - Nationaal Vergiftigingen Informatie Centrum (NVIC)
Emergency telephone (24 hours): +31 30 274 88 88
(Only for doctors to inform accidental poisoning)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Aspiration hazard, Category 1 H304
Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS08

Signal word (CLP) : Danger
Hazardous ingredients : Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics; Hydrocarbons, C9, aromatics; Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Hazard statements (CLP) : H304 - May be fatal if swallowed and enters airways
H412 - Harmful to aquatic life with long lasting effects

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Precautionary statements (CLP)	: P101 - If medical advice is needed, have product container or label at hand P102 - Keep out of reach of children P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER P331 - Do NOT induce vomiting P273 - Avoid release to the environment P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation
Security closing plug for children	: Applicable
Tactile warning	: Applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	(EC no) 918-481-9 (REACH-no) 01-2119457273-39	50 - 75	Asp. Tox. 1, H304
substance with national workplace exposure limit(s) (BE, NL)	(CAS No) 8052-42-4 (EC no) 232-490-9	10 - 25	Not classified
Hydrocarbons, C9, aromatics	(EC no) 918-668-5 (REACH-no) 01-2119455851-35	2,5 - 10	STOT SE 3, H335 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics substance with national workplace exposure limit(s) (NL)	(CAS No) 64742-48-9 (EC no) 919-857-5 (REACH-no) 01-2119463258-33	2,5 - 10	Asp. Tox. 1, H304 Flam. Liq. 3, H226

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.
First-aid measures after inhalation	: Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth.
First-aid measures after skin contact	: Remove/Take off immediately all contaminated clothing. Rinse and then wash skin thoroughly with water and soap. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.
First-aid measures after ingestion	: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting. Take, if necessary 1 or 2 tablespoons laxative (sodium sulphate).

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

Symptoms/injuries after inhalation	: May cause respiratory irritation. Symptoms of inhalation include drowsiness, weakness, headache, dizziness, nausea, vomiting.
Symptoms/injuries after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact	: May cause moderate irritation, including burning sensation, tearing, redness or swelling.
Symptoms/injuries after ingestion	: Ingestion may cause nausea, vomiting and diarrhea. May cause lung damage if swallowed. Dry/sore throat. High vapour concentration may cause shortness of breath (lung oedema).

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

Seek medical attention if ill effect or irritation develops. Immediate specific treatment is necessary in case of poisoning.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : carbon dioxide (CO₂), powder, alcohol-resistant foam, water spray.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.
Reactivity in case of fire : Will float and can be reignited on water surface.
Hazardous decomposition products in case of fire : Thermal decomposition generates : Carbon monoxide.

5.3. Advice for firefighters

- Precautionary measures fire : Cool closed containers exposed to fire with water.
Protection during firefighting : Self contained breathing apparatus. Complete protective clothing.
Other information : Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Protective equipment : Use personal protective equipment as required. Spills of this product present a serious slipping hazard.
Emergency procedures : Do not smoke. Avoid ignition sources. Ventilate area. Do not breathe vapours. Vapours may be heavier than air. Accumulation in low-lying areas gives chance of suffocation.

6.1.2. For emergency responders

- Protective equipment : Equip rescue crew with proper protection. Spills of this product present a serious slipping hazard.
Emergency procedures : No smoking. Avoid ignition sources. Ventilate area. Do not breathe vapours. Vapours may be heavier than air. Accumulation in low-lying areas gives chance of suffocation.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).
Other information : Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional hazards when processed : Due to the organic solvents' content of the preparation: Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.

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- Precautions for safe handling : Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Preparation may charge electrostatically: always use earthing leads when transferring from one container to another. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used. Avoid skin and eye contact. Avoid the inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding. For personal protection see Section 8. Never use pressure to empty : container is not a pressure vessel. Always keep in containers of same material as the original one. Comply with the health and safety at work laws. When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits. Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be:
- stored in purpose-built containers or in metal containers with tight-fitting self-closing lids or
 - laid out flat in a single layer to dry or
 - placed in a closed metal container soaked with water or
 - washed out well with warm soapy water before disposal.
- Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.
- Handling temperature : ≤ 35 °C
- Hygiene measures : Smoking, eating and drinking should be prohibited in application area.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Keep container tightly closed and dry.
- Storage conditions : Observe the label precautions. Store in accordance with local/national regulations.
- Storage temperature : 5 - 30 °C Store in dry, well-ventilated area.
- Heat and ignition sources : Keep away from heat and direct sunlight.
- Prohibitions on mixed storage : Oxidizing agents.
- Storage area : Prevent unauthorised access.
- Special rules on packaging : Containers which are opened must be carefully resealed and kept upright to prevent leakage.
- Packaging materials : Keep in original containers.

7.3. Specific end use(s)

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C9, aromatics	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	25 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	150 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	11 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	32 mg/m ³
Long-term - systemic effects, dermal	11 mg/kg bodyweight/day
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
DNEL/DMEL (Workers)	
Long-term - systemic effects, dermal	300 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	1500 mg/m ³
DNEL/DMEL (General population)	
Long-term - systemic effects, oral	300 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	900 mg/m ³
Long-term - systemic effects, dermal	300 mg/kg bodyweight/day

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8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Personal protective equipment:

Protective goggles. Gloves. In case of inadequate ventilation wear respiratory protection.

Hand protection:

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The breakthrough time must be greater than the end use time of the product. Nitrile rubber gloves (>0.4 mm, Breakthroughtime BTT: 480 min.). The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred

Eye protection:

Use safety eyewear designed to protect against splash of liquids

Skin and body protection:

Cotton or cotton/synthetic overalls or coveralls are normally suitable. Every part of the skin which had contact with the product should have been washed thoroughly

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators. Combined gas/dust mask with filter type AX/P2



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Brown.
Odour	: characteristic.
Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: < -20 °C
Boiling point	: > 140 °C
Flash point	: 62 °C (PMcc)
Auto-ignition temperature	: > 200
Decomposition temperature	: When exposed to heat, may decompose liberating hazardous gases
Flammability (solid, gas)	: This product is flammable
Vapour pressure	: 50 Pa
Relative vapour density at 20 °C	: > 1
Relative density	: No data available
Density	: 0,8 g/ml
Solubility	: Insoluble.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: ≤ 7 cP (12 sec., Cup 4 mm.)
Explosive properties	: No dangerous reactions known.

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Oxidising properties : Not applicable.
Explosive limits : 0,6 - 7 vol %

9.2. Other information

VOC content : (cat.A/f): 700 g/l (2010). This product contains max. 700 g/l VOC.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials

See Heading 7.

10.6. Hazardous decomposition products

Such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : There are no data available on the preparation itself. Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008. See Sections 2 and 3 for details

Finess Bruinoleum [UNOFFICIAL DOCUMENT]	
LD50 oral	> 5000 mg/l (calculated value)
LD50 dermal	> 5000 mg/kg bodyweight (calculated value)
LC50 inhalation rat (mg/l)	> 7,87 mg/l (calculated value)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LD50 oral rat	> 5000 mg/kg bodyweight [OECD401]
LD50 dermal rabbit	> 5000 mg/kg bodyweight [OECD402]
LC50 inhalation rat (mg/l)	> 5610 mg/m ³ [OECD403]
Hydrocarbons, C9, aromatics	
LD50 oral rat	3592 mg/kg bodyweight [OECD401]
LD50 dermal rat	> 3160 mg/kg bodyweight [OECD402]
LC50 inhalation rat (mg/l)	> 6193 mg/m ³ [OECD403]
Skin corrosion/irritation	: May cause slight irritation. Repeated exposure may cause skin dryness or cracking. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin pH: Not applicable
Serious eye damage/irritation	: The liquid splashed in the eyes may cause irritation and reversible damage pH: Not applicable
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
NOAEL (oral, rat)	> 5000 mg/kg bodyweight [Read across]
NOAEL (inhalation, rat, vapour)	> 1160 mg/m ³ [Read across]
Hydrocarbons, C9, aromatics	
NOAEL (inhalation, rat, vapour)	900 mg/m ³ [Read across]
Specific target organ toxicity (repeated exposure)	: Not classified

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- Aspiration hazard : May be fatal if swallowed and enters airways.
- Potential adverse human health effects and symptoms : Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Solvents may cause some of the above effects by absorption through the skin. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

SECTION 12: Ecological information

12.1. Toxicity

- Ecology - general : The mixture has been assessed following the conventional method of the Regulation (EC) No. 1272/2008 [CLP] and is classified as dangerous for the environment. See Sections 2 and 3 for details.
- Ecology - water : Harmful to aquatic life with long lasting effects. On the surface can form an oil film which may decrease the oxygen with possible adverse effects on aquatic organisms.

Finess Bruinoleum [UNOFFICIAL DOCUMENT]	
LC50 fish 1	1446 mg/l (calculated value)
EC50 Daphnia 1	136 mg/l (calculated value)
Additional information	Data lacking. Dangerous for the environment. 25%.
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	
LC50 fish 1	> 1000 mg/l [4 h.]
EC50 Daphnia 1	> 1000 mg/l [4 h.]
ErC50 (algae)	> 1000 mg/l [4 h.]
Hydrocarbons, C9, aromatics	
LC50 fish 1	9,2 ml/l (Oncorhynchus mykiss)
EC50 Daphnia 1	9,2 mg/l [OECD 202]
ErC50 (algae)	2,7 mg/l pseudokirchneriella subcapitata

12.2. Persistence and degradability

Finess Bruinoleum [UNOFFICIAL DOCUMENT]	
Persistence and degradability	There are no data available on the preparation itself. May cause long-term adverse effects in the aquatic environment.

12.3. Bioaccumulative potential

Finess Bruinoleum [UNOFFICIAL DOCUMENT]	
Log Pow	No data available
Log Kow	No data available
Bioaccumulative potential	There are no data available on the preparation itself.

12.4. Mobility in soil

Finess Bruinoleum [UNOFFICIAL DOCUMENT]	
Ecology - soil	There are no data available on the preparation itself. Absorbed by the soil and has low mobility. Floats on water.

12.5. Results of PBT and vPvB assessment

Finess Bruinoleum [UNOFFICIAL DOCUMENT]	
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII	
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII	

12.6. Other adverse effects

- Additional information : Product may not flow into sewer or superficial water

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional legislation (waste) : Do not allow to enter drains or water courses.

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Waste disposal recommendations	: Dispose of this material and its container to hazardous or special waste collection point.
Additional information	: Uncleaned packaging: Recommendation: Not completely empty packaging must be treated complying Directive 91/689/EEC.
European List of Waste (LoW) code	: 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS 08 01 11* - waste paint and varnish containing organic solvents or other dangerous substances 08 01 12 - waste paint and varnish other than those mentioned in 08 01 11

SECTION 14: Transport information

In accordance with ADR

ADR
14.1. UN number
Not applicable
14.2. UN proper shipping name
Not applicable
14.3. Transport hazard class(es)
Not applicable
Not applicable
14.4. Packing group
Not applicable
14.5. Environmental hazards
Dangerous for the environment : No
No supplementary information available

14.6. Special precautions for user

Special transport precautions : Transport within user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

- Overland transport

Transport regulations (ADR) : This preparation is not classified as dangerous according to international transport regulations, (ADR).

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

IBC code : Not determined.
Ship type : Not determined.
Pollution category : Not determined.

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

VOC content : (cat.A/f): 700 g/l (2010). This product contains max. 700 g/l VOC.
Other information, restriction and prohibition regulations : --. - Packaging with a child resistant fastening. - Packaging with a tactile warning of danger.

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

Not applicable

SECTION 16: Other information

Indication of changes:

1.1	Product code	Modified	
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Full text of H- and EUH-statements:

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Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
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

SDS EU (REACH bijlage II) [NIET VOOR UITGIFTE]

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product