

SAFETY DATA SHEET

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Revised edition no : 1

ISO 9001 version 2008

Date : 29/1/2009

VERNIS BRILLANT F06AG

Supersedes : 0/0/0

9029CB1

www.lisam.com



Xi : Irritant



F+ : Extremely flammable

Producer

ITW Spraytec

ZI C - BP15

F-08320 Vireux-Molhain France

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

Trade name : VERNIS BRILLANT F06AG
Identification of the product : Aerosol.
Type of product : Varnish.
Company identification : See producer.
Emergency phone nr : INRS : 01.45.42.59.59

SECTION 2 Hazards identification

Risk Phrases : Extremely flammable. In use, may form flammable/explosive vapour-air mixture.
Primary route of exposure : Inhalation.
Symptoms relating to use
- Inhalation : Shortness of breath. Vapours may cause drowsiness and dizziness. Headache.
- Skin contact : May cause skin to become dry or cracked. May cause sensitization by skin contact.
- Eye contact : Irritating to eyes. Redness. Pain.
- Ingestion : Ingestion unlikely.

SECTION 3 Composition/information on ingredients

This product is considered to be hazardous and contains hazardous components.

Substance name	Contents (%)	CAS No	EC No	Index No	REACH	Classification
Butane (containing < 0,1 % butadiene) :	< 30 %	106-97-8	203-448-7	601-004-00-0	-----	F+; R12
Propane :	< 20 %	74-98-6	200-827-9	601-003-00-5	-----	F+; R12
Xylene :	< 12,5 %	1330-20-7	215-535-7	601-022-00-9	-----	R10 Xn; R20/21 Xi; R38
Ethylbenzene :	< 10 %	100-41-4	202-849-4	601-023-00-4	-----	F; R11 Xn; R20
Aromatic hydrocarbon :	< 20 %	64742-95-6	265-199-0	-----	-----	R10 Xn; R65 R66 R67 Xi; R37 N; R51-53
Acetone :	20 to 40 %	67-64-1	200-662-2	606-001-00-8	-----	F; R11 R66 R67 Xi; R36

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SECTION 4 First aid measures

First aid measures

- Inhalation : If overcome by exposure, remove victim to fresh air immediately. Allow the victim to rest. Seek medical advice.
- Skin contact : Remove contaminated clothing and shoes. Wash skin thoroughly with mild soap and water.
- Eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.
- Ingestion : Ingestion unlikely. Rinse mouth. Seek medical attention immediately.

SECTION 5 Fire-fighting measures

- Specific hazards** : Vapour mixes readily with air, forming explosive mixtures. When exposed to heat or if contaminated by certain impurities, may decompose to generate highly volatile gases which may over pressure and violently rupture closed containers.
- Extinguishing media**
- Suitable extinguishing media : Powder. Carbon dioxide. Foam. Water fog.
- Unsuitable extinguishing media : Do not use a heavy water stream.
- Protection against fire** : Do not enter fire area without proper protective equipment, including respiratory protection.
- Special procedures** : Use water spray or fog for cooling exposed containers.

SECTION 6 Accidental release measures

- Personal precautions** : Equip cleanup crew with proper protection.
- Environmental precautions** : Notify authorities if product enters sewers or public waters.
- Clean up methods** : Remove ignition sources. Clean up any spills as soon as possible, using an absorbent material to collect it. Dilute residues and flush. On land, sweep or shovel into suitable containers. Waste mixtures containing propane/butane may not enter into drains or sewers where vapours could accumulate and ignite.

SECTION 7 Handling and storage

- Precautions in handling and storage** : Keep away from sources of ignition - No Smoking.
- Storage** : Protect from freezing. Keep at temperature not exceeding 50° C. Store in dry, cool, well-ventilated area. Use special care to avoid static electric charges. No smoking.
- Storage - away from** : Direct sunlight. Heat sources. Sparks. Open flame.
- Handling** : Handle in accordance with good industrial hygiene and safety procedures. Keep away from food, drink and animal feeding stuffs.

SECTION 8 Exposure controls/personal protection

- Personal protection**
- Respiratory protection : Use only in well ventilated areas.
- Hand protection : In case of repeated or prolonged contact wear gloves.
- Skin protection : In case of possible repeated skin contact wear protective clothing.
- Eye protection : Eye protection should only be necessary where liquid could be splashed or sprayed.
- Industrial hygiene** : Provide adequate ventilation to minimize dust and/or vapour concentrations. When using, do not eat, drink or smoke.
- Occupational Exposure Limits** : Acetone : VME (mg/m3) : 1210
Acetone : VME (ppm) : 500
Butane (containing < 0,1 % butadiene) : VME (ppm) : 800
Butane (containing < 0,1 % butadiene) : VME (mg/m3) : 1900
Xylene : VME (ppm) : 50
Xylene : VME (mg/m3) : 221
Xylene : VLE (ppm) : 100
Xylene : VLE (mg/m3) : 442

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SECTION 8 Exposure controls/personal protection (continued)

Ethylbenzene : VLE (ppm) : 200
 Ethylbenzene : VME (mg/m3) : 442
 Ethylbenzene : VME (ppm) : 100
 Ethylbenzene : TLV[©] -TWA [ppm] : 100
 Ethylbenzene : VLE (mg/m3) : 884

SECTION 9 Physical and chemical properties

Appearance : Liquid.
 Colour : Colourless.
 Odour : Solvent.
 Boiling point [°C] : < 0°C
 Density : 0.69
 Solubility in : Solvent.
 Flash point [°C] : < 0°C

SECTION 10 Stability and reactivity

Hazardous decomposition products : None under normal conditions. Thermal decomposition generates : Carbon dioxide. Carbon monoxide.
 Hazardous reactions : In use, may form flammable/explosive vapour-air mixture.
 Materials to avoid : Strong acids. Strong bases. Strong oxidizers.
 Conditions to avoid : Heat. Direct sunlight. Open flame. Sparks.

SECTION 11 Toxicological information

Toxicity information : No data available.
 Acute toxicity : No data available.
 Chronic toxicity
 - Inhalation : Vapours may cause drowsiness and dizziness. Headache.
 - Dermal : Repeated exposure may cause skin dryness or cracking.
 May cause sensitization by skin contact.
 - Ocular : Irritating to eyes. Burning sensation.
 - Ingestion : Ingestion may cause nausea, vomiting and diarrhea.

SECTION 12 Ecological information

On product : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13 Disposal considerations

General : Container under pressure. Do not drill or burn even after use. When not empty dispose of this container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations. Do not empty into drains.

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SECTION 14 Transport information

Shipping name : UN1950 AÉROSOLS, 2.1, 5F
UN No. : 1950
Land transport
ADR/RID : Group : F
Class : 2
Sea transport
- **IMO-IMDG code** : Class 2.1
- **EMS-Nr** : 2-13
- **IMDG-Marine pollution** : Yes.
Air transport
- **IATA - Class or division** : Class 2.1
- **IATA-Label** : Flamm. Gas

SECTION 15 Regulatory information

- **Symbol(s)**  

: Xi : Irritant
F+ : Extremely flammable

- **R Phrase(s)** : R12 : Extremely flammable.
R36 : Irritating to eyes.
R52/53 : Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67 : Vapours may cause drowsiness and dizziness.

- **S Phrase(s)** : S2 : Keep out of the reach of children.
S16 : Keep away from sources of ignition - No smoking.
S23 : Do not breathe spray.
S46 : If swallowed seek medical advice immediately and show this container or label.
S51 : Use only in well-ventilated areas.

Safety advises : Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Use this aerosol only for the applications for which it is intended.

France : Tableaux des maladies professionnelles prévus à l'article R, 461-3 du code du travail.
Tableau n°84 - Affections engendrées par les solvants organiques liquides à usage professionnel.

Tableau n°4 bis - Affections gastro-intestinales provoquées par le benzène, le toluène, les xylènes et tous les produits en renfermant.

SECTION 16 Other information

Recommended uses and restrictions : See product bulletin for detailed information.

Text of R-Phrases in § 3 : R10 : Flammable.
R11 : Highly flammable.
R12 : Extremely flammable.
R20 : Harmful by inhalation.
R20/21 : Harmful by inhalation and in contact with skin.
R36 : Irritating to eyes.
R37 : Irritating to respiratory system.
R38 : Irritating to skin.
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.

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SECTION 16 Other information (continued)

Further information : Revision - See : *

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