



# SVP52 400

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 17/03/2015

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Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : AB CHIMIE VERNIS SVP 52  
Product code : SVP52 400  
Identification of the product : Aerosol

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

##### 1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial  
For professional use only  
Use of the substance/mixture : Silicone conformal coatings

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

ABchimie  
1230, route de la porte- ZA La Rivoire  
38630 Corbelin - FRANCE  
T 04.74.83.12.19- F 04.74.83.68.62  
[info@abchimie.com](mailto:info@abchimie.com) - [www.abchimie.com](http://www.abchimie.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Aerosol 1 H222;H229

Eye Irrit. 2 H319

STOT SE 3 H336

Full text of H-phrases: see section 16

##### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F+; R12

R66

R67

Full text of R-phrases: see section 16

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) :

Danger

Hazardous ingredients :

butanone, 1-methoxy-2-propanol, monopropylene glycol methyl ether

Hazard statements (CLP) :

H222 - Extremely flammable aerosol  
H229 - Pressurised container: May burst if heated  
H319 - Causes serious eye irritation  
H336 - May cause drowsiness or dizziness

Precautionary statements (CLP) :

P102 - Keep out of reach of children  
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

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P211 - Do not spray on an open flame or other ignition source  
P251 - Do not pierce or burn, even after use  
P260 - Do not breathe spray  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear eye protection  
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
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  
P337+P313 - If eye irritation persists: Get medical advice/attention  
P370+P378 - In case of fire: Use ABC-powder for extinction  
P403+P235 - Store in a well-ventilated place. Keep cool  
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F  
P501 - Dispose of contents/container to an authorised waste collection point

EUH phrases

: EUH066 - Repeated exposure may cause skin dryness or cracking

Extra phrases

: Not to be used for any purpose other than the one the product was designed for  
For professional use only

Gas contains fluorinated greenhouse gases: HFC-134a:0,093 kg; 0,133t Eq.CO<sub>2</sub>; GWP=1317

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
1,1,1,2-Tetrafluoroéthane	(CAS No) 811-97-2 (EC no) 212-377-0 (REACH-no) 01-2119459374-33	25 - 50	Not classified
METHYLAL	(CAS No) 109-87-5 (EC no) 203-714-2 (REACH-no) 01-2119664781-31	20 - 25	F; R11
	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01-2119485493-29	10 - 20	R10 R66 R67
butanone	(CAS No) 78-93-3 (EC no) 201-159-0 (EC index no) 606-002-00-3 (REACH-no) 01-2119457290-43	10 - 20	F; R11 Xi; R36 R66 R67
Xylène	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	5 - 10	R10 Xn; R20/21 Xi; R38
Ethylbenzène	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4 (REACH-no) 01-2119489370-35	1 - 5	F; R11 Xn; R20 Xn; R48/20 Xn; R65
Carbon dioxide	(CAS No) 124-38-9 (EC no) 204-696-9 (REACH-no) exempté d'enregistrement	1 - 5	Not classified
1-methoxy-2-propanol, monopropylene glycol methyl ether	(CAS No) 107-98-2 (EC no) 203-539-1 (EC index no) 603-064-00-3 (REACH-no) 01-2119457435-35	0,1 - 1	R10 R67

Name	Product identifier	Specific concentration limits
Xylène	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	(C >= 12,5) Xn;R20/21

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,1,1,2-Tetrafluoroéthane	(CAS No) 811-97-2 (EC no) 212-377-0 (REACH-no) 01-2119459374-33	25 - 50	Liquefied gas, H280
METHYLAL	(CAS No) 109-87-5 (EC no) 203-714-2 (REACH-no) 01-2119664781-31	20 - 25	Flam. Liq. 2, H225

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Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
	(CAS No) 123-86-4 (EC no) 204-658-1 (EC index no) 607-025-00-1 (REACH-no) 01-2119485493-29	10 - 20	Flam. Liq. 3, H226 STOT SE 3, H336
butanone	(CAS No) 78-93-3 (EC no) 201-159-0 (EC index no) 606-002-00-3 (REACH-no) 01-2119457290-43	10 - 20	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
Xylène	(CAS No) 1330-20-7 (EC no) 215-535-7 (EC index no) 601-022-00-9	5 - 10	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315
Ethylbenzène	(CAS No) 100-41-4 (EC no) 202-849-4 (EC index no) 601-023-00-4 (REACH-no) 01-2119489370-35	1 - 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Chronic 3, H412
Carbon dioxide	(CAS No) 124-38-9 (EC no) 204-696-9 (REACH-no) exempté d'enregistrement	1 - 5	Compressed gas, H280
1-methoxy-2-propanol, monopropylene glycol methyl ether	(CAS No) 107-98-2 (EC no) 203-539-1 (EC index no) 603-064-00-3 (REACH-no) 01-2119457435-35	0,1 - 1	Flam. Liq. 3, H226 STOT SE 3, H336

Full text of R- and H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures after inhalation	: Allow victim to breathe fresh air. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Remove contaminated clothing and shoes. Wash immediately with lots of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Allow the victim to rest.

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

Symptoms/injuries after inhalation	: Vapours may cause drowsiness and dizziness.
Symptoms/injuries after skin contact	: Repeated exposure may cause skin dryness or cracking.
Symptoms/injuries after eye contact	: Causes serious eye irritation.
Symptoms/injuries after ingestion	: Ingestion unlikely.

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

Advice to physicians: Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide. Foam. Alcohol resistant foam. AFFF. Water spray. ABC-powder.
Unsuitable extinguishing media	: Do not use a heavy water stream.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard	: Extremely flammable aerosol.
Reactivity in case of fire	: Prevent fire-fighting water from entering environment.

### 5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Firefighting instructions	: Exercise caution when fighting any chemical fire. During a fire, projections ignited aerosol that burst under excessive pressure have to be controlled. To avoid overpressure, cool aerosols with water.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Measures to take in the case of crushing or piercing aerosols, causing the leaking of products contained in aerosols. Remove ignition sources. Ventilate area. No smoking. Provide local exhaust or general room ventilation. Evacuate and limit access.
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### 6.1.1. For non-emergency personnel

Emergency procedures : Do not touch spilled material. Evacuate area.

### 6.1.2. For emergency responders

Protective equipment : Wear recommended personal protective equipment. Provide adequate ventilation. Remove all sources of ignition. Avoid contact with skin and eyes. Do not inhale vapour.

### 6.2. Environmental precautions

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

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean spills promptly. Collect the residue by means of a non-combustible absorbent material.

### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Good ventilation of the workplace required. Use only properly specified equipment which is suitable for this product, its supply pressure and temperature. Not to be used for any purpose other than the one the product was designed for. Do not breathe gas, fumes, vapour or spray. During the handling of a pallet, you have to take all precaution to avoid a start of an accident perforation of the aerosol by a fork-lift truck. During the load and unloading of the vehicle, you have to take all the precaution to avoid a fall a aerosol. Do not spray the aerosol neither close nor towards a flame, a white-hot body, an electrical appliance in running, DO NOT SMOCKING. Container under pressure. Do not drill or burn even after use. Store and handle as though always a serious potential fire/explosion and health hazard exists.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep at temperature not exceeding 50 °C. Proper grounding procedures to avoid static electricity should be followed. Use grounded electrical/mechanical equipment.

Storage conditions : Recommendations applicable to warehouses and reserves which are stored aerosols. It is recommended to de-normalize aerosols in stock. The " aerosol " or area must be set with a wire mesh of mesh max 5cm, forming a cage or using walls to avoid splashing the aerosols may ignite rest of the stock. Do not smoke.

To reduce the risk of falling, should position the pallet closest to the ground. If the packages are stacked, it should ensure that those lower layers do not crash (risk of leakage through compression).

It is recommended :

- Ventilate the premises and not store any sprays near heat sources, including sunlight, sparks and open flames
- To use the procedure of fire when working. Store in a dry, well ventilated place. Protect from freezing.

### 7.3. Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

1,1,1,2-Tetrafluoroéthane (811-97-2)		
France	VME (mg/m <sup>3</sup> )	4420 mg/m <sup>3</sup>
France	VME (ppm)	1000 ppm
Carbon dioxide (124-38-9)		
EU	Local name	Dioxyde de carbone
EU	IOELV TWA (mg/m <sup>3</sup> )	9000 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	5000 ppm
(123-86-4)		
France	Local name	Acétate de n-butyle
France	VME (mg/m <sup>3</sup> )	710 mg/m <sup>3</sup>
France	VME (ppm)	150 ppm
France	VLE (mg/m <sup>3</sup> )	940 mg/m <sup>3</sup>
France	VLE (ppm)	200 ppm

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<b>METHYLAL (109-87-5)</b>		
France	Local name	Méthylal
France	VME (mg/m <sup>3</sup> )	3100 mg/m <sup>3</sup>
France	VME (ppm)	1000 ppm

<b>butanone (78-93-3)</b>		
EU	Local name	Butanone
EU	IOELV TWA (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	200 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	300 ppm
France	Local name	Méthyléthylcétone
France	VME (mg/m <sup>3</sup> )	600 mg/m <sup>3</sup>
France	VME (ppm)	200 ppm
France	VLE (mg/m <sup>3</sup> )	900 mg/m <sup>3</sup>
France	VLE (ppm)	300 ppm

<b>Xylène (1330-20-7)</b>		
EU	Local name	Xylene, mixed isomers, pure
EU	IOELV TWA (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	50 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	100 ppm
EU	Notes	Skin
France	Local name	Xylène, isomères mixtes, purs
France	VME (mg/m <sup>3</sup> )	221 mg/m <sup>3</sup>
France	VME (ppm)	50 ppm
France	VLE (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
France	VLE (ppm)	100 ppm

<b>Ethylbenzène (100-41-4)</b>		
France	VME (mg/m <sup>3</sup> )	88,4 mg/m <sup>3</sup>
France	VME (ppm)	20 ppm
France	VLE (mg/m <sup>3</sup> )	442 mg/m <sup>3</sup>
France	VLE (ppm)	100 ppm

<b>1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)</b>		
EU	Local name	1-Methoxypropanol-2
EU	IOELV TWA (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m <sup>3</sup> )	568 mg/m <sup>3</sup>
EU	IOELV STEL (ppm)	150 ppm
EU	Notes	Skin
France	Local name	1-Méthoxy-2-propanol
France	VME (mg/m <sup>3</sup> )	188 mg/m <sup>3</sup>
France	VME (ppm)	50 ppm
France	VLE (mg/m <sup>3</sup> )	375 mg/m <sup>3</sup>
France	VLE (ppm)	100 ppm

## 8.2. Exposure controls

Hand protection	: Wear suitable gloves tested to EN374.
Eye protection	: Use eye protection to EN 166, designed to protect against liquid splashes.
Skin and body protection	: Skin protection appropriate to the conditions of use should be provided.
Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
Other information	: Do not eat, drink or smoke during use. Provide local exhaust or general room ventilation.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless.
Odour	: characteristic.

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Odour threshold	: No data available
pH	: Not applicable
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: < 0 °C (PA)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0,89 (PA)
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

VOC content : 788 g/l (82.9%)

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available

### 10.2. Chemical stability

The product is stable at normal handling and storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

Heat. Open flame. Direct sunlight. Sparks. Protect from freezing.

### 10.5. Incompatible materials

Strong oxidizers. Hydrogen peroxide. Aerosol cases in metal, do not bring into contact with oxidize, acids or basis. Oxidizing agent. Strong reducing agents.

### 10.6. Hazardous decomposition products

On exposure to high temperature, may decompose, releasing toxic gases. Nitrogen oxides. Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

<b>1,1,1,2-Tétrafluoroéthane (811-97-2)</b>	
LC50 inhalation rat (ppm)	500000 ppm/4h
<b>(123-86-4)</b>	
LD50 oral rat	10760 mg/kg
LD50 dermal rabbit	14112 mg/kg
<b>METHYLAL (109-87-5)</b>	
LD50 oral rat	6423 mg/kg
LD50 dermal rabbit	>= 5000 mg/kg
<b>butanone (78-93-3)</b>	
LD50 oral rat	3300 mg/kg
LD50 dermal rabbit	6400 - 8000 mg/kg
<b>Xylène (1330-20-7)</b>	
LD50 oral rat	4300 mg/kg
LD50 dermal rabbit	3200 mg/kg

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<b>Xylène (1330-20-7)</b>	
LC50 inhalation rat (mg/l)	21,4 mg/l/4h

<b>Ethylbenzène (100-41-4)</b>	
LD50 oral rat	3500 mg/kg
LD50 dermal rabbit	15354 mg/kg
LC50 inhalation rat (mg/l)	17,2 mg/l

Skin corrosion/irritation	: Not classified pH: Not applicable
Serious eye damage/irritation	: Causes serious eye irritation. pH: Not applicable
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	: Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified Based on available data, the classification criteria are not met
Aspiration hazard	: Not classified Based on available data, the classification criteria are not met

<b>AB CHIMIE VERNIS SVP 52</b>	
Identification of the product	Aerosol

Potential adverse human health effects and symptoms : In case of repeated or prolonged exposure : Headache. Dizziness. Fatigue. Nausea. Vomiting. Repeated exposure may cause skin dryness or cracking.

## SECTION 12: Ecological information

### 12.1. Toxicity

<b>(123-86-4)</b>	
EC50 Daphnia 1	44 mg/l

<b>METHYLAL (109-87-5)</b>	
LC50 fish 1	>= 1000 g/l
EC50 Daphnia 1	>= 1200 mg/l 48 H
EC50 other aquatic organisms 1	> 10 g/l <i>Pseudomonas putida</i>
LC50 fish 2	6,99 g/l <i>Pimephales promelas</i>

<b>butanone (78-93-3)</b>	
LC50 fish 1	2993 mg/l
EC50 Daphnia 1	308 mg/l

<b>Xylène (1330-20-7)</b>	
LC50 fish 1	26,7 mg/l 96 H
LC50 fish 2	86 mg/l 48 H
EC50 Daphnia 2	165 mg/l 24 H

<b>Ethylbenzène (100-41-4)</b>	
LC50 fish 1	42,3 mg/l ( <i>Pimephales promelas</i> ; 96h)
EC50 Daphnia 2	75 mg/l ( <i>Daphnia magna</i> ; 48h)
ErC50 (algae)	63 mg/l ( <i>Chlorella vulgaris</i> ; 3h)

### 12.2. Persistence and degradability

<b>Ethylbenzène (100-41-4)</b>	
Biodegradation	90 % (100 mg/l; 14jours)

### 12.3. Bioaccumulative potential

<b>Ethylbenzène (100-41-4)</b>	
Log Pow	3,15

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### 12.4. Mobility in soil

#### Ethylbenzène (100-41-4)

Log Koc	2,72
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### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

: Avoid release to the environment

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste disposal recommendations : Dispose used or damaged aerosol cans at permitted disposal sites. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

UN-No. (ADR)	: 1950
UN-No. (IMDG)	: 1950
UN-No.(IATA)	: 1950
UN-No.(ADN)	: 1950
UN-No. (RID)	: 1950

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: AEROSOLS
Proper Shipping Name (IMDG)	: AEROSOLS
Proper Shipping Name (IATA)	: AEROSOLS, FLAMMABLE
Proper Shipping Name (ADN)	: AEROSOLS
Proper Shipping Name (RID)	: AEROSOLS

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: 2.1
Hazard labels (ADR)	: 2.1



#### IMDG

Transport hazard class(es) (IMDG)	: 2.1
Danger labels (IMDG)	: 2.1



#### IATA

Transport hazard class(es) (IATA)	: 2.1
Hazard labels (IATA)	: 2.1





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### ADN

Transport hazard class(es) (ADN) : 2.1

Danger labels (ADN) : 2.1



### RID

Transport hazard class(es) (RID) : 2.1

Danger labels (RID) : 2.1



### 14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

### 14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

### 14.6. Special precautions for user

#### 14.6.1. Overland transport

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1I

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9

Transport category (ADR) : 2

Special provisions for carriage - Packages (ADR) : V14

Special provisions for carriage - Loading, unloading and handling (ADR) : CV9, CV12

Special provisions for carriage - Operation (ADR) : S2

Tunnel restriction code (ADR) : D

#### 14.6.2. Transport by sea

Special provisions (IMDG) : 63, 190, 277, 327, 344, 959

Limited quantities (IMDG) : SP277

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P207, LP02

Special packing provisions (IMDG) : PP87, L2

Stowage category (IMDG) : None

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Stowage and segregation (IMDG) : Protected from sources of heat?For AEROSOLS with a maximum capacity of 1 litre: Category A. Segregation as for class 9 but 'Separated from' class 1 except division 1.4.?For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2.?For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.

### 14.6.3. Air transport

PCA Excepted quantities (IATA) : E0  
PCA Limited quantities (IATA) : Y203  
PCA limited quantity max net quantity (IATA) : 30kgG  
PCA packing instructions (IATA) : 203  
PCA max net quantity (IATA) : 75kg  
CAO packing instructions (IATA) : 203  
CAO max net quantity (IATA) : 150kg  
Special provisions (IATA) : A145, A167  
ERG code (IATA) : 10L

### 14.6.4. Inland waterway transport

Classification code (ADN) : 5F  
Special provisions (ADN) : 19, 327, 344, 625  
Limited quantities (ADN) : 1 L  
Excepted quantities (ADN) : E0  
Equipment required (ADN) : PP, EX, A  
Ventilation (ADN) : VE01, VE04  
Number of blue cones/lights (ADN) : 1  
Not subject to ADN : No

### 14.6.5. Rail transport

Classification code (RID) : 5F  
Special provisions (RID) : 190, 327, 344, 625  
Limited quantities (RID) : 1L  
Excepted quantities (RID) : E0  
Packing instructions (RID) : P207, LP02  
Special packing provisions (RID) : PP87, RR6, L2  
Mixed packing provisions (RID) : MP9  
Transport category (RID) : 2  
Special provisions for carriage – Packages (RID) : W14  
Special provisions for carriage - Loading, unloading and handling (RID) : CW9, CW12  
Colis express (express parcels) (RID) : CE2  
Hazard identification number (RID) : 23  
Carriage prohibited (RID) : No

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions  
Contains no substance on the REACH candidate list  
VOC content : 788 g/l (82.9%)  
Other information, restriction and prohibition regulations : Regulation (EU) No 517/2014 on fluorinated greenhouse gases. Aerosol Generator Directive 75/324/EEC and its adaptations.

#### 15.1.2. National regulations

##### France

Occupational diseases : RG 84 - Affections engendrées par les solvants organiques liquides à usage professionnel

# SVP52 400

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Data sources : 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.

Other information : Imp. DL4.

Full text of R-, H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Aerosol 1	Aerosol, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Compressed gas	Gases under pressure : Compressed gas
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Liquefied gas	Gases under pressure : Liquefied gas
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H229	Pressurised container: May burst if heated
H280	Contains gas under pressure; may explode if heated
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H373	May cause damage to organs through prolonged or repeated exposure
H412	Harmful to aquatic life with long lasting effects
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
R38	Irritating to skin
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
F+	Extremely flammable
Xi	Irritant
Xn	Harmful

SDS EU (REACH Annex II)

*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*