

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

1.1. Product identifier

Product form : Mixture
 Product name : Spraytone Metallic
 Product code : 1500114090100
 Product group : Paint.

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 use, Professional use, Industrial use
 Use of the substance/mixture : Aerosol.
 Industrial and decoration painting.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

SPS BV (Spraytone)
 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
 P.O. Box 39
 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 (0)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]

Aerosol, Category 1 H222;H229
 Serious eye damage/eye irritation, Category 2 H319
 Specific target organ toxicity — Single exposure, Category 3, Narcosis H336
 Full text of 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) :



GHS02

GHS07

Signal word (CLP) :

Danger

Hazardous ingredients :

Acetone

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.

Spraytone Metallic

Safety Data Sheet

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

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. P211 - Do not spray on an open flame or other ignition source. P251 - Do not pierce or burn, even after use. P261 - Avoid breathing vapours, spray. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves, eye protection. 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. P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	: EUH066 - Repeated exposure may cause skin dryness or cracking. EUH210 - Safety data sheet available on request.
Child-resistant fastening	: Not applicable
Tactile warning	: Not applicable

2.3. Other hazards

Other hazards not contributing to the classification : None under normal conditions.

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. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Acetone	(CAS-No.) 67-64-1 (EC-No.) 200-662-2 (EC Index-No.) 606-001-00-8 (REACH-no) 01-2119471330-49	25 - 50	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
N-butyl acetate substance with a Community workplace exposure limit	(CAS-No.) 123-86-4 (EC-No.) 204-658-1 (EC Index-No.) 607-025-00-1 (REACH-no) 01-2119485493-29	<= 10	Flam. Liq. 3, H226 STOT SE 3, H336
ethyl acetate	(CAS-No.) 141-78-6 (EC-No.) 205-500-4 (EC Index-No.) 607-022-00-5 (REACH-no) 01-2119475103-46	<= 5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
1-methoxy-2-propanol substance with a Community workplace exposure limit substance with national workplace exposure limit(s) (NL)	(CAS-No.) 107-98-2 (EC-No.) 203-539-1 (EC Index-No.) 603-064-00-3 (REACH-no) 01-2119457435-35	<= 3	Flam. Liq. 3, H226 STOT SE 3, H336

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. Symptoms may be delayed. supervision of a doctor is necessary during at least 48h after an accident happenend.
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 contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.
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. Drink plenty of water.

Spraytone Metallic

Safety Data Sheet

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

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

Symptoms/effects : No information is on file to date regarding acute and/or delayed post-exposure symptoms and effects.

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

No additional information available.

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.

5.3. Advice for firefighters

Precautionary measures fire : Pressurised container: May burst if heated. Cool closed containers exposed to fire with water.

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.

Emergency procedures : Do not smoke. Avoid ignition sources. Ventilate area. Do not breathe vapours.

6.1.2. For emergency responders

Protective equipment : Equip rescue crew with proper protection.

Emergency procedures : No smoking. Avoid ignition sources. Ventilate area. Do not breathe vapours.

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

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharge. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

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.

Information on mixed storage : Not necessary under the recommended storage and handling conditions.

Storage area : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

No supplementary information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetone (67-64-1)		
EU	Local name	Acetone
EU	IOELV TWA (mg/m ³)	1210 mg/m ³

Spraytone Metallic

Safety Data Sheet

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

Acetone (67-64-1)		
EU	IOELV TWA (ppm)	500 ppm
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Germany	TRGS 910 Acceptable concentration notes	

ethyl acetate (141-78-6)		
EU	Local name	Ethyl acetate
EU	IOELV TWA (mg/m ³)	734 mg/m ³
EU	IOELV TWA (ppm)	200 ppm
EU	IOELV STEL (mg/m ³)	1468 mg/m ³
EU	IOELV STEL (ppm)	400 ppm
EU	Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
Germany	TRGS 910 Acceptable concentration notes	

N-butyl acetate (123-86-4)		
EU	Local name	n-butyl acetate
EU	Notes	(Ongoing)
EU	Regulatory reference	SCOEL Recommendations
Germany	TRGS 910 Acceptable concentration notes	

1-methoxy-2-propanol (107-98-2)		
EU	Local name	1-Methoxypropanol-2
EU	IOELV TWA (mg/m ³)	375 mg/m ³
EU	IOELV TWA (ppm)	100 ppm
EU	IOELV STEL (mg/m ³)	568 mg/m ³
EU	IOELV STEL (ppm)	150 ppm
EU	Notes	Skin
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Germany	TRGS 910 Acceptable concentration notes	

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.

Hand protection:

not necessary

Eye protection:

Aerosol can. Even though no eye contact is expected under reasonable normal conditions of use, appropriate eye protection should be worn when handling this material.

Skin and body protection:

Aerosol can. Protective clothing not absolutely necessary

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. Do not breathe gas, fumes, vapour or spray. (Short term exposures: breathing apparatus with filter; long duration exposure: supplied-air respirator)

Consumer exposure controls:

Wash hands before break and at end of works. When using do not eat, drink or smoke.

Spraytone Metallic

Safety Data Sheet

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

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Aerosol.
Colour	: Different colours.
Odour	: Characteristic. Propellant spray.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Not applicable, as aerosol.
Flash point	: -70 °C
Auto-ignition temperature	: The product does not ignites spontaneously.
Decomposition temperature	: When exposed to heat, may decompose liberating hazardous gases
Flammability (solid, gas)	: No data available
Vapour pressure	: 400 kPa
Relative vapour density at 20 °C	: Not determined.
Relative density	: 1,23
Solubility	: Water: Negligible.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: Not determined.
Explosive properties	: Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Oxidising properties	: No data available.
Explosive limits	: 0,6 - 13 vol %

9.2. Other information

No additional information available

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 dangerous reactions known.

10.4. Conditions to avoid

When exposed to high temperatures may produce hazardous decomposition products. Open flame. Overheating.

10.5. Incompatible materials

No supplementary information available.

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 (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Acetone (67-64-1)

LD50 oral rat	5800 mg/kg
LD50 dermal rabbit	20000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	0,039 mg/l/4h

ethyl acetate (141-78-6)

LD50 oral	5620 mg/kg
LD50 dermal rabbit	18000 mg/kg

Spraytone Metallic

Safety Data Sheet

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

N-butyl acetate (123-86-4)

LD50 oral rat	10770 mg/kg
LD50 dermal rabbit	> 17600 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	> 0,021 mg/l/4h

1-methoxy-2-propanol (107-98-2)

LD50 oral rat	> 5000 mg/kg
LC50 inhalation rat (Vapours - mg/l/4h)	> 6 mg/l/4h

Skin corrosion/irritation	: Not classified pH: No data available
Additional information	: 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
Serious eye damage/irritation	: Causes serious eye irritation. pH: No data available
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
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 not classified as dangerous for the environment.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Not classified

Acetone (67-64-1)

LC50 fish 1	5540 mg/l [96 h.]
LC50 other aquatic organisms 2	2262 ml/l daphnia
EC50 Daphnia 1	8800 mg/l

ethyl acetate (141-78-6)

EC50 Daphnia 1	2500 - 5600 mg/l [24 h.]
EC50 96h algae (1)	2500 mg/l

N-butyl acetate (123-86-4)

EC50 Daphnia 1	44 mg/l [48 h.]
ErC50 (algae)	320 mg/l

1-methoxy-2-propanol (107-98-2)

LC50 fish 1	208000 mg/l Pimephales promelas [96 h.]
LC50 fish 2	4600 - 10000 mg/l Leuciscus idus [96 h.]

Spraytone Metallic

Safety Data Sheet

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

EC50 Daphnia 1	23300 mg/l [48 h.]
ErC50 (algae)	> 1000 mg/l 7 days

12.2. Persistence and degradability

Spraytone Metallic

Persistence and degradability	There are no data available on the preparation itself.
-------------------------------	--

ethyl acetate (141-78-6)

Biodegradation	70 % 28 days
----------------	--------------

1-methoxy-2-propanol (107-98-2)

Biodegradation	96 % 5 days
----------------	-------------

12.3. Bioaccumulative potential

Spraytone Metallic

BCF fish 1	Harmful to fishes
Log Pow	No data available
Log Kow	No data available
Bioaccumulative potential	There are no data available on the preparation itself.

ethyl acetate (141-78-6)

Bioconcentration factor (BCF REACH)	30
Log Pow	0,68

1-methoxy-2-propanol (107-98-2)

Bioconcentration factor (BCF REACH)	< 100
Log Pow	< 1

12.4. Mobility in soil

Spraytone Metallic

Ecology - soil	There are no data available on the preparation itself.
----------------	--

12.5. Results of PBT and vPvB assessment

Spraytone Metallic

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. May pollute public waters.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Do not allow to enter drains or water courses.
Waste treatment methods	: Recycling is preferred to disposal or incineration.
Product/Packaging 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 15 00 00 - WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED 15 01 04 - metallic packaging


SECTION 14: Transport information

In accordance with ADR

Spraytone Metallic

Safety Data Sheet

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

ADR	
14.1. UN number	UN 1950
14.2. UN proper shipping name	AEROSOLS
Transport document description	UN 1950 AEROSOLS (Limited quantities), 2.1, (D)
14.3. Transport hazard class(es)	2.1
	
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

Classification code (ADR) : 5F
Special provisions (ADR) : 190, 327, 344, 625
Limited quantities (ADR) : 1I
Excepted quantities (ADR) : E0
Packing instructions (ADR) : P207
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

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

IBC code : Not usable.
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

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Spraytone Metallic

Safety Data Sheet

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

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
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.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Aerosol 1	H222;H229	Expert judgment
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	Calculation method

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.