

# Safety Data Sheet

*acc. to OSHA HCS*

Printing date 05/25/2018

Reviewed on 05/25/2018

## 1 Identification

### Product identifier

**Trade name:**
**Spray-Polyx®**
**Article number:**

3078 clear satin; 3082 clear gloss

**Application of the substance / the mixture**

Paint

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

**Manufacturer/Supplier:**

Osmo Holz und Color GmbH & Co. KG  
 Affhüppen Esch 12  
 D-48231 Warendorf  
 Germany

**Information department:**

Product safety department  
 Phone: +49 (0) 251 / 692 - 188  
 Fax: +49 (0) 251 / 692 - 462  
 e-mail: helmut.starp@osmo.de

**Emergency telephone number:**

24h-Emergency Phone Number:  
 For Chemical Emergency, Spill; Leak; Fire Exposure or Accident Call Day or Night within USA and Canada 1-800-424-9300  
 Outside USA and Canada 001-703-527-3887 (WISAG FMO cargo Services GmbH & Co.KG)

## 2 Hazard(s) identification

### Classification of the substance or mixture

Flam. Liq. 3 H226 Flammable liquid and vapor.

### Label elements

**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms**


GHS02

**Signal word**

Warning

**Hazard statements**

H226 Flammable liquid and vapor.

**Precautionary statements**

P102 Keep out of reach of children.  
 P101 If medical advice is needed, have product container or label at hand.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 P233 Keep container tightly closed.  
 P260 Do not breathe spray.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves / eye protection.  
 P302+P352 If on skin: Wash with plenty of soap and water.  
 P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

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P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Additional information:**Observe the general safety regulations when handling chemicals.  
Always wear a dust mask when sanding.**Classification system:****NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 3

Reactivity = 0

**HMIS-ratings (scale 0 - 4)**

Health = 0

Fire = 3

Reactivity = 0

**Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

### 3 Composition/information on ingredients

**Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions.**Dangerous components:**

64742-48-9	aliphatic hydrocarbons, C10-C13 ⚠ Asp. Tox. 1, H304; Flam. Liq. 4, H227	25-50%
64742-49-0	aliphatic hydrocarbons, C9-C10 ⚠ Flam. Liq. 3, H226; ⚠ Asp. Tox. 1, H304; ⚠ STOT SE 3, H336	10-25%
34590-94-8	Dipropylene glycol monomethyl ether Flam. Liq. 4, H227	≤2.5%

### 4 First-aid measures

**Description of first aid measures****General information:**

Immediately remove any clothing soiled by the product.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water.

**After swallowing:**

If symptoms persist consult doctor.

**Information for doctor:****Most important symptoms and effects, both acute and delayed**

No further relevant information available.

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**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Fire-fighting measures

**Extinguishing media**

**Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable**

**extinguishing agents:** Water with full jet

**Special hazards arising from the substance or mixture**

No further relevant information available.

**Advice for firefighters**

**Protective equipment:** No special measures required.

### 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Not required.

**Environmental precautions:**

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

**Methods and material for**

**containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Ensure adequate ventilation.

**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.

**Protective Action Criteria for Chemicals**

<b>PAC-1:</b>		
64742-48-9	aliphatic hydrocarbons, C10-C13	350 mg/m <sup>3</sup>
34590-94-8	Dipropylene glycol monomethyl ether	150 ppm
<b>PAC-2:</b>		
64742-48-9	aliphatic hydrocarbons, C10-C13	1,800 mg/m <sup>3</sup>
34590-94-8	Dipropylene glycol monomethyl ether	1700* ppm
<b>PAC-3:</b>		
64742-48-9	aliphatic hydrocarbons, C10-C13	40,000 mg/m <sup>3</sup>
34590-94-8	Dipropylene glycol monomethyl ether	9900** ppm

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TLV	Short-term value: 909 mg/m <sup>3</sup> , 150 ppm
	Long-term value: 606 mg/m <sup>3</sup> , 100 ppm
	Skin

**Additional information:** The lists that were valid during the creation were used as basis.

**Exposure controls****Personal protective equipment:****General protective and hygienic measures:****Breathing equipment:**

Do not inhale gases / fumes / aerosols.

Use suitable respiratory protective device only when aerosol or mist is formed. Not necessary if room is well-ventilated.

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**For the permanent contact in work areas without heightened risk of injury (e.g. Laboratory) gloves made of the following material are suitable:**

Nitrile rubber, NBR

**Eye protection:**

Goggles recommended during refilling.

### 9 Physical and chemical properties

**Information on basic physical and chemical properties****General Information****Appearance:****Form:** Fluid**Color:** Whitish**Odor:** Mild**Odor threshold:** Not determined.**pH-value:** Not determined.

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<b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	144 °C (291.2 °F)
<b>Flash point:</b>	> 30 °C (>86 °F) (DIN EN ISO 2719)
<b>Flammability (solid, gaseous):</b>	Not applicable.
<b>Ignition temperature:</b>	> 200 °C (>392 °F)
<b>Decomposition temperature:</b>	Not determined.
<b>Auto igniting:</b>	Product is not selfigniting.
<b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
<b>Explosion limits:</b>	
<b>Lower:</b>	0.7 Vol %
<b>Upper:</b>	6.0 Vol %
<b>Vapor pressure at 20 °C (68 °F):</b>	10 hPa (7.5 mm Hg)
<b>Density at 20 °C (68 °F):</b>	0.940-0.950 g/cm <sup>3</sup> (7.844-7.928 lbs/gal) (DIN 51757)
<b>Relative density</b>	Not determined.
<b>Evaporation rate</b>	Not determined.
<b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Fully miscible.
<b>Partition coefficient (n-octanol/water):</b>	Not determined.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C (68 °F):</b>	49-54 s (ISO 4 mm)
<b>Solvent content:</b>	
<b>VOC content:</b>	29.8 % < 450 g/l
<b>Other information</b>	No further relevant information available.

**10 Stability and reactivity**

<b>Reactivity</b>	No further relevant information available.
<b>Chemical stability</b>	
<b>Thermal decomposition / conditions to be avoided:</b>	No decomposition if used according to specifications.
<b>Possibility of hazardous reactions</b>	No dangerous reactions known.
<b>Conditions to avoid</b>	No further relevant information available.

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**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:**

No dangerous decomposition products known.

**Additional information:**

CAUTION: Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water filled metal container to prevent this.

### 11 Toxicological information

#### Information on toxicological effects

##### Acute toxicity:

##### LD/LC50 values that are relevant for classification:

##### 64742-48-9 aliphatic hydrocarbons, C10-C13

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>5,000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	21 mg/l (rat) (OECD 403)

##### 64742-49-0 aliphatic hydrocarbons, C9-C10

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 / 4h	>20 mg/l (rat)

##### 34590-94-8 Dipropylene glycol monomethyl ether

Oral	LD50	>5,000 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (rat)
Inhalative	LC50 / 4h	1,667 mg/l (rat)
	LC50 / 72h	0.76 mg/l (senastrum capricornutum)

##### Primary irritant effect:

##### on the skin:

At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

##### on the eye:

No irritating effect.

##### Sensitization:

Based on available data, the classification criteria are not met.

##### Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

##### Carcinogenic categories

##### IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

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**NTP (National Toxicology Program)**

None of the ingredients is listed.

**OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

### 12 Ecological information

**Toxicity**

**Aquatic toxicity:**

**64742-48-9 aliphatic hydrocarbons, C10-C13**

EC50 / 48h &gt;1,000 mg/l (daphnia) (OECD 202)

EC50/ 72h &gt;1,000 mg/l (algae) (OECD 201)

LC50 / 96h &gt;1,000 mg/l (fish) (OECD 203)

Biolog. Abbaubarkeit % (leicht abbaubar)

**64742-49-0 aliphatic hydrocarbons, C9-C10**

EC50 / 24h &lt;130 mg/kg (Oncorhynchus mykiss (Regenbogenforelle))

&gt;100 mg/kg (senastrum capricornutum)

**34590-94-8 Dipropylene glycol monomethyl ether**

EC50 / 48h (static) 1,919 mg/l (daphnia)

LC50 / 96h 5.3 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

LC50 / 48h 10.2 mg/l (Oncorhynchus mykiss (Regenbogenforelle))

**Persistence and degradability** No further relevant information available.

**Behavior in environmental systems:**

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Additional ecological information:**

**General notes:** Water hazard class 1 (Self-assessment): slightly hazardous for water

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

### 13 Disposal considerations

**Waste treatment methods**

**Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

**Uncleaned packagings:**

**Recommendation:** Disposal must be made according to official regulations.

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**Trade name: Spray-Polyx®****Recommended cleansing agent:** Solvent naphtha

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**14 Transport information**

<b>UN-Number</b> <i>DOT, ADR, IMDG, IATA</i>	UN1263
<b>UN proper shipping name</b> <i>DOT</i> <i>ADR</i> <i>IMDG, IATA</i>	Paint 1263 Paint PAINT
<b>Transport hazard class(es)</b> <i>DOT, IMDG, IATA</i> <i>Class</i> <i>Label</i>	3 Flammable liquids 3
<b>ADR</b> <i>Class</i> <i>Label</i>	3 (F1) Flammable liquids 3
<b>Packing group</b> <i>DOT, ADR, IMDG, IATA</i>	III
<b>Environmental hazards:</b> <i>Marine pollutant:</i>	No
<b>Special precautions for user</b> <i>Danger code (Kemler):</i> <i>EMS Number:</i> <i>Stowage Category</i>	Warning: Flammable liquids 30 F-E, <u>S</u> -E A
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>Transport/Additional information:</b> <i>DOT</i> <i>Quantity limitations</i>	On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L
<b>ADR</b> <i>Excepted quantities (EQ)</i>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

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**IMDG****Limited quantities (LQ)**

5L

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**UN "Model Regulation":**

UN 1263 PAINT, 3, III

**15 Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****Sara****Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed.

**Proposition 65****Chemicals known to cause cancer:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

**Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

**Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

**Carcinogeny categories****EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

**NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients is listed.

**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

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**Hazard pictograms**

GHS02

**Signal word**

Warning

**Hazard statements**

H226 Flammable liquid and vapor.

**Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P260 Do not breathe spray.

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

P280 Wear protective gloves / eye protection.

P302+P352 If on skin: Wash with plenty of soap and water.

P370+P378 In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing SDS:** product safety department

**Contact:** Hr. Dr. Starp

**Date of preparation / last revision** 05/25/2018 / 1

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flam. Liq. 3: Flammable liquids – Category 3

Flam. Liq. 4: Flammable liquids – Category 4

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

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Asp. Tox. 1: Aspiration hazard – Category 1

*\* Data compared to the previous  
version altered.*

US