

# Safety Data Sheet

acc. to OSHA HCS

Printing date 04/18/2018

Reviewed on 04/18/2018

## 1 Identification

### Product identifier

**Trade name:** **3054 Polyx-Oil High Solid**

**Application of the substance / the mixture** Coating compound/ Surface coating/ paint  
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](mailto: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. 4 H227 Combustible liquid.

### Label elements

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

**Hazard pictograms** Void

**Signal word** Warning

**Hazard statements** H227 Combustible liquid.

**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 flames and hot surfaces. – No smoking.

P262 Do not get in eyes, on skin, or on clothing.

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

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.

**Additional information:** Observe the general safety regulations when handling chemicals.  
Always wear a dust mask when sanding.

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### Trade name: 3054 Polyx-Oil High Solid

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**Information pertaining to particular dangers for man and environment:**

**Warning:**

Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

**Classification system:****NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 2

Reactivity = 0

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

Health = 0

Fire = 2

Reactivity = 0

**Other hazards**

Materials such as rags used with this product may begin to burn by themselves. After use, put rags in water or lay flat to dry, then discard.

**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	10-25%
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### 4 First-aid measures

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

Take affected persons out into the fresh air.

Immediately remove any clothing soiled by the product.

**After inhalation:**

Supply fresh air; consult doctor in case of complaints.

Seek medical treatment in case of complaints.

Call a doctor immediately.

Supply fresh air or oxygen; call for doctor.

**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 swallowed, seek medical advice immediately and show this container or label.

Do not induce vomiting; immediately call for medical help.

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

Dizziness

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

Headache

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.

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

Formation of toxic gases is possible during heating or in case of fire.

**Advice for firefighters**

**Protective equipment:**

No special measures required.

**Additional information**

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

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

Ensure adequate ventilation  
Keep away from ignition sources

**Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Warm water and cleansing agent  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

**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**

**PAC-1:**

64742-48-9	aliphatic hydrocarbons, C10-C13	350 mg/m <sup>3</sup>
112926-00-8	Precipitated silica (Silica-Amorphous)	18 mg/m <sup>3</sup>
14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m <sup>3</sup>

**PAC-2:**

64742-48-9	aliphatic hydrocarbons, C10-C13	1,800 mg/m <sup>3</sup>
112926-00-8	Precipitated silica (Silica-Amorphous)	200 mg/m <sup>3</sup>
14808-60-7	Quartz (SiO <sub>2</sub> )	33 mg/m <sup>3</sup>

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<b>PAC-3:</b>		
64742-48-9	aliphatic hydrocarbons, C10-C13	40,000 mg/m <sup>3</sup>
112926-00-8	Precipitated silica (Silica-Amorphous)	1,200 mg/m <sup>3</sup>
14808-60-7	Quartz (SiO <sub>2</sub> )	200 mg/m <sup>3</sup>

**7 Handling and storage****Handling:**

**Precautions for safe handling**      Use only in well ventilated areas.  
Keep receptacles tightly sealed.

**Information about protection against explosions and fires:**      No special measures required.

**Conditions for safe storage, including any incompatibilities****Storage:**

**Requirements to be met by storerooms and receptacles:**      Store only in the original receptacle.

**Information about storage in one common storage facility:**      Not required.

**Further information about storage conditions:**      None.

**Specific end use(s)**      No further relevant information available.

**8 Exposure controls/personal protection**

**Additional information about design of technical systems:**      No further data; see item 7.

**Control parameters**

**Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

**Exposure controls****Personal protective equipment:**

**General protective and hygienic measures:**

Do not eat, drink, smoke or sniff while working.

Do not carry product impregnated cleaning cloths in trouser pockets.

**Breathing equipment:**      Not necessary if room is well-ventilated.

Use suitable respiratory protective device only when aerosol or mist is formed.

**Protection of hands:**

To avoid skin problems reduce the wearing of gloves to the required minimum.

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<b>Material of gloves</b>	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
<b>Penetration time of glove material</b>	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. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
<b>For the permanent contact gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:</b>	Nitrile rubber, NBR
<b>Eye protection:</b>	Goggles recommended during refilling.
<b>Body protection:</b>	Protective work clothing

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

<b>Form:</b>	Viscous
<b>Color:</b>	Yellowish
<b>Odor:</b>	Mild

##### Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	180-200 °C (356-392 °F)

**Flash point:** > 65 °C (>149 °F) (DIN 53213)

**Ignition temperature:** 240 °C (464 °F)

**Auto igniting:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

##### Explosion limits:

<b>Lower:</b>	0.6 Vol %
<b>Upper:</b>	7.0 Vol %

**Vapor pressure at 20 °C (68 °F):** 1 hPa (0.8 mm Hg)

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<b>Density at 20 °C (68 °F):</b>	1.032 g/cm <sup>3</sup> (8.612 lbs/gal) (8.612 lbs/gal) (DIN 51757)
<b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix.
<b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic at 20 °C (68 °F):</b>	45 s (DIN 53211/4)
<b>Solvent content:</b>	
<b>VOC content:</b>	< 270 g/liter (2.25 lb/gl)
<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>	Reacts with fabric soaked in the product (e.g. cleaning wool).
<b>Conditions to avoid</b>	No further relevant information available.
<b>Incompatible materials:</b>	No further relevant information available.
<b>Hazardous decomposition products:</b>	Carbon monoxide and carbon dioxide Nitrogen oxides (NO <sub>x</sub> )

### 11 Toxicological information

#### Information on toxicological effects

##### Acute toxicity:

<b>LD/LC50 values that are relevant for classification:</b>		
<b>64742-48-9 aliphatic hydrocarbons, C10-C13</b>		
Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 5000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	21 mg/l (rat) (OECD 403)

##### Primary irritant effect:

<b>on the skin:</b>	At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
<b>on the eye:</b>	No irritating effect.
<b>Sensitization:</b>	Sensitizing effect by skin contact is possible with prolonged exposure.

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**Additional toxicological information:****Carcinogenic categories**

<b>IARC (International Agency for Research on Cancer)</b>		
112926-00-8	Precipitated silica (Silica-Amorphous)	3
14808-60-7	Quartz (SiO <sub>2</sub> )	1
<b>NTP (National Toxicology Program)</b>		
14808-60-7	Quartz (SiO <sub>2</sub> )	K
<b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b>		
None of the ingredients is listed.		

**12 Ecological information****Toxicity**

<b>Aquatic toxicity:</b>	
<b>64742-48-9 aliphatic hydrocarbons, C10-C13</b>	
EC50 / 48h	> 1000 mg/l (daphnia) (OECD 202)
EC50/ 72h	> 1000 mg/l (algae) (OECD 201)
LC50 / 96h	> 1000 mg/l (fish) (OECD 203)
Biolog. Abbaubarkeit	(leicht abbaubar)

**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.

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**Uncleaned packagings:****Recommendation:**

Disposal must be made according to official regulations.

### 14 Transport information

<b>UN-Number</b> <i>DOT, ADR, ADN, IMDG, IATA</i>	Void
<b>UN proper shipping name</b> <i>DOT, ADR, ADN, IMDG, IATA</i>	Void
<b>Transport hazard class(es)</b> <i>DOT, ADR, ADN, IMDG, IATA</i> Class	Void
<b>Packing group</b> <i>DOT, ADR, IMDG, IATA</i>	Void
<b>Environmental hazards:</b> <i>Marine pollutant:</i>	No
<b>Special precautions for user</b>	Not applicable.
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

### 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:**14808-60-7 | Quartz (SiO<sub>2</sub>)

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**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.

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

None of the ingredients is listed.

**TLV (Threshold Limit Value established by ACGIH)**
14808-60-7 | Quartz (SiO<sub>2</sub>)

A2

**NIOSH-Ca (National Institute for Occupational Safety and Health)**
14808-60-7 | Quartz (SiO<sub>2</sub>)
**GHS label elements**

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

**Hazard pictograms**

Void

**Signal word**

Warning

**Hazard statements**

H227 Combustible liquid.

**Precautionary statements**

P210 Keep away from flames and hot surfaces. – No smoking.

P262 Do not get in eyes, on skin, or on clothing.

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

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** 04/18/2018 / 6

**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

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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. 4: Flammable liquids – Category 4  
Asp. Tox. 1: Aspiration hazard – Category 1

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