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

1.1 Product identifier

Trade name: 3054 Polyx-Oil High Solid

1.2 Relevant identified uses of the substance or mixture and uses

advised against No further relevant information available.

Application of the substance / the

mixture Coating compound/ Surface coating/ paint

Paint

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: Osmo Holz und Color GmbH & Co. KG

Affhüppen Esch 12 D-48231 Warendorf

Further information obtainable

from: Product safety department

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

1.4 Emergency telephone

number: emergency phone no. Berlin (24h): +49 (0) 30 / 30686 790 advisory service in German

and English

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to

Regulation (EC) No 1272/2008 The product is not classified according to the CLP regulation.

Classification according to Directive 67/548/EEC or Directive 1999/45/EC

R66: Repeated exposure may cause skin dryness or cracking.

Information concerning

particular hazards for human and

environment: The product has to be labelled due to the calculation procedure of the "General

Classification guideline for preparations of the EU" in the latest valid version.

At long or repeated contact with skin it may cause dermatitis due to the degreasing

effect of the solvent.

Classification system: The classification is according to the latest editions of the EU-lists and extended by

company and literature data.

2.2 Label elements

Labelling according to Regulation

(EC) No 1272/2008 VoidHazard pictograms VoidSignal word VoidHazard statements Void

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Precautionary statements Keep out of reach of children.

If medical advice is needed, have product container or label at hand.

P262 Do not get in eyes, on skin, or on clothing. P271 Use only outdoors or in a well-ventilated area.

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.

EUH066 Repeated exposure may cause skin dryness or cracking. Contains 2-butanonoxime. May produce an allergic reaction.

Safety data sheet available on request.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT:Not applicable.vPvB:Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 64742-48-9 aliphatic hydrocarbons, C10-C13

EC number: 918-481-9 Xn R65

Index number: 649-327-00-6 Reg.nr.: 01-2119457273-39

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: Take affected persons out into the fresh air.

& Asp. Tox. 1, H304

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; call for medical help immediately.

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4.2 Most important symptoms and

effects, both acute and delayed Dizziness

Headache

4.3 Indication of any immediate medical attention and special

treatment needed No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant

foam

5.2 Special hazards arising from

the substance or mixture

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

5.3 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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and

emergency procedures Ensure adequate ventilation

Keep away from ignition sources.

6.2 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.

6.3 Methods and material for

containment and cleaning up: Warm water and cleansing agent

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).

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 Use only in well ventilated areas.

Keep receptacles tightly sealed.

Information about fire - and

explosion protection: No special measures required.

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7.2 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.

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

SECTION 8: Exposure controls/personal protection

Additional information about

design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

64742-48-9 aliphatic hydrocarbons, C10-C13

TWA (8 H) Long-term value: 1.000 mg/m³, 150 ppm ppm

Source: UK SIA

Additional information: The lists valid during the making were used as basis.

8.2 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.

Respiratory protection: 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.

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 trough time has to be found out by the manufacturer of the protective

gloves and has to be observed.

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For the permanent contact gloves made of the following materials

are suitable: Nitrile rubber, NBR

For the permanent contact of a maximum of 15 minutes gloves made of the following materials

are suitable: Nitrile rubber, NBR

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Viscous
Colour: Yellowish
Odour: Mild

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 180-200 °C

Flash point: >65 °C

Ignition temperature: 240 °C

Self-igniting: Product is not selfigniting.

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

Explosion limits:

 Lower:
 0.6 Vol %

 Upper:
 7.0 Vol %

Vapour pressure at 20 °C: 1 hPa

Density at 20 °C: 1.032 g/cm³

Solubility in / Miscibility with

water: Not miscible or difficult to mix.

Viscosity:

Kinematic at 20 °C: 45 s (DIN 53211/4)

Solvent content:

VOC (EC) < 270 g/l (VOC-max. = 500 g/l (2010 A/i))

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9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability Thermal decomposition /

conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous

Reacts with fabric soaked in the product (e.g. cleaning wool). reactions

10.4 Conditions to avoid No further relevant information available. No further relevant information available. 10.5 Incompatible materials:

10.6 Hazardous decomposition

Carbon monoxide and carbon dioxide products:

Nitrogen oxides (NOx)

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50	LD/LC50 values relevant for classification:						
64742-48-	64742-48-9 aliphatic hydrocarbons, C10-C13						
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)					
96-29-7 2-	96-29-7 2-butanonoxime						
Oral	LD50	3700 mg/kg (rat)					
Dermal	LD50	200-2000 mg/kg (rat)					
Inhalative	LC50 / 4h	>10.5 mg/l (rat)					
Primary in	Primary irritant effect:						

Primary irritant effect:

At long or repeated contact with skin it may cause dermatitis due to the degreasing on the skin:

effect of the solvent.

on the eye: No irritating effect.

Sensitization: Sensitizing effect by skin contact is possible by prolonged exposure.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

1					
64742-48-9 aliphatic hydrocarbons, C10-C13					
Biolog. Abbaubarkeit	(-) (leicht abbaubar)				
EC50 / 48h	> 1000 mg/l (daphnia) (OECD 202)				
EC50/72h	> 1000 mg/l (algae) (OECD 201)				
LC50 / 96h	> 1000 mg/l (fish) (OECD 203)				
96-29-7 2-butanonoxime					
EC50 / 48h	201 mg/l (daphnia)				

12.2 Persistence and degradability No further relevant information				
LC50 / 96h	>100 mg/l (fish)			
IC50 / 72h	11.8 mg/l (algae)			

12.2 Persistence and degradability No further relevant information available.
12.3 Bioaccumulative potential No further relevant information available.
12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for

water

Do not allow product to reach ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment

PBT:Not applicable.vPvB:Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation Must not be disposed together with household garbage. Do not allow product to reach

sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA Void

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14.2 UN proper shipping name ADR, ADN, IMDG, IATA	Void	
14.3 Transport hazard class(es)		
ADR, ADN, IMDG, IATA		
Class	Void	
14.4 Packing group		
ADR, IMDG, IATA	Void	
14.5 Environmental hazards:		
Marine pollutant:	No	
14.6 Special precautions for user	Not applicable.	
14.7 Transport in bulk according to Annex II of		
MARPOL73/78 and the IBC Code	Not applicable.	

SECTION 15: Regulatory information

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

National regulations:

UN "Model Regulation":

GISBAU-Code GISCODE: Ö60

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 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.

Relevant phrases H304 May be fatal if swallowed and enters airways.

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

Department issuing MSDS: product safety department

Contact: Hr. Dr. Starp

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

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals 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)

VOC: Volatile Organic Compounds (USA, EU)

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LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent

Asp. Tox. 1: Aspiration hazard, Hazard Category 1

* Data compared to the previous version altered.

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