

Material Safety Data Sheet

acc. to ISO/DIS 11014

Printing date 08/08/2011

Reviewed on 08/08/2011

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

Product identifier

Trade name: 3054 Polyx-Oil High Solid

Application of the substance / the preparation 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

Information department: Product safety department
Phone: +49 (0) 251 / 692 - 188
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Emergency telephone number: Giftnotruf Berlin (24h): +49 (0) 30 / 30686 790 Beratung in Deutsch und Englisch

2 Composition/information on ingredients

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

64742-48-9	Naphtha (petroleum), hydrotreated heavy	Xn R65 R66	10-25%
96-29-7	2-butanonoxime	Xn R21-40; Xi R41-43 Carc. Cat. 3	≤1%
136-52-7	cobalt carboxylate	Xn R22; Xi R38-43; N R51/53	≤1%

3 Hazards identification

Classification of the substance or mixture

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 international guidelines.

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

Classification system: The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

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Label elements**Labelling according to EU guidelines:**

The product has been classified and marked in accordance with directives on hazardous materials.

Risk phrases:

66 Repeated exposure may cause skin dryness or cracking.

Safety phrases:

2 Keep out of the reach of children.
46 If swallowed, seek medical advice immediately and show this container or label.
56 Dispose of this material and its container to hazardous or special waste collection point.

Special labelling of certain preparations:**Warning:**

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

Contains cobalt carboxylate, 2-butanonoxime. May produce an allergic reaction.

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

Health = 1
Fire = 2
Reactivity = 0

HMIS-ratings (scale 0 - 4)

Health = 1
Fire = 2
Reactivity = 0

4 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.

If irritation persists get medical attention.

After swallowing:

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

Do not induce vomiting; immediately call for medical help.

5 Firefighting measures

Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Special hazards arising from the substance or mixture

No further relevant information available.

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Protective equipment: No special measures required.

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6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation
Keep away from ignition sources

Environmental precautions:

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

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.

7 Handling and storage

Handling:

Precautions for safe handling

No special precautions are necessary if used correctly.
Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.
Use only in well ventilated areas.
Prevent formation of aerosols.

Information about protection against explosions and fires:

No special measures required.

Storage:

Requirements to be met by storerooms and receptacles:

Store in a cool location.
Store only in the original receptacle.

Information about storage in one common storage facility:

Do not store together with alkalis (caustic solutions).
Do not store together with oxidizing and acidic materials.

Further information about storage conditions:

None.
Keep receptacle tightly sealed.
Store in cool, dry conditions in well sealed receptacles.

Specific end use(s)

No further relevant information available.

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8 Exposure controls/personal protection

Additional information about design of technical systems:	No further data; see item 7.
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.
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 required. Use suitable respiratory protective device only when aerosol or mist is formed. Not necessary if room is well-ventilated.
Protection of hands:	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.
Eye protection:	Goggles recommended during refilling.

9 Physical and chemical properties

General Information

Appearance:

Form:	Fluid
Color:	According to product specification
Odor:	Characteristic

Change in condition

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

Flash point: > 65°C (> 149 °F)

Ignition temperature: 240°C (464 °F)

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Auto 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 %
Vapor pressure at 20°C (68 °F):	1 hPa (1 mm Hg)
Density at 20°C (68 °F):	1.032 g/cm ³ (8.612 lbs/gal)
Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
Viscosity:	
Kinematic at 20°C (68 °F):	45 s (DIN 53211/4)
Solvent content:	
VOC content:	< 270 g/liter
Other information	No further relevant information available.

10 Stability and reactivity

Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	Carbon monoxide and carbon dioxide Nitrogen oxides (NO _x)
Additional information:	Warning: Wash out any used cloth impregnated with this product immediately after use or store in an airtight container (danger of self-ignition)

11 Toxicological information**Acute toxicity:****LD/LC50 values that are relevant for classification:****64742-48-9 Naphtha (petroleum), hydrotreated heavy**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)
Inhalative	LC50 / 4h	>5 mg/l (rat)

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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:

No sensitizing effects known.

12 Ecological information

Acquatic toxicity:**64742-48-9 Naphtha (petroleum), hydrotreated heavy**

EC50 / 48h >1000 mg/l (daphnia)

IC50 / 72h >1000 mg/l (algae)

LC50 / 96h >1000 mg/l (fish)

Persistence and degradability No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.

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.

14 Transport information

UN-Number**DOT, ADR, IMDG, IATA**

Void

UN proper shipping name**DOT, ADR, IMDG, IATA**

Void

Transport hazard class(es)**DOT, ADR, IMDG, IATA****Class**

Void

Packing group**DOT, ADR, IMDG, IATA**

Void

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Environmental hazards:

Marine pollutant: No

Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

Transport/Additional information: Not dangerous according to the above specifications.

* **15 Regulatory information**

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.

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

None of the ingredients is listed.

IARC (International Agency for Research on Cancer)

136-52-7 | cobalt carboxylate

NTP (National Toxicology Program)

None of the ingredients is listed.

TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

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

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

Product related hazard informations:

The product has been classified and marked in accordance with directives on hazardous materials.

Risk phrases:

66 Repeated exposure may cause skin dryness or cracking.

Safety phrases:

2 Keep out of the reach of children.
46 If swallowed, seek medical advice immediately and show this container or label.
56 Dispose of this material and its container to hazardous or special waste collection point.

Special labeling of certain preparations:

Contains cobalt carboxylate, 2-butanonoxime. May produce an allergic reaction.

National regulations:

Other regulations, limitations and prohibitive regulations

please note:

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

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

R 22 harmful if swallowed.
R 38 irritating to skin.
R 43 may cause sensitization by skin contact.
R 51/53 toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.
R 21 harmful in contact with skin.
R 40 possible risks of irreversible effects.
R 41 risk of serious damage to eyes.
R 65 Harmful: may cause lung damage if swallowed.
R 66 Repeated exposure may cause skin dryness or cracking.

Department issuing MSDS: product safety department

Contact: Hr. Dr. Starp

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