

EU Safety Data Sheet

FESTOOL

1907/2006/REACH

Trade name FESTOOL - One-Step Oil

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1 Designation of the material and/or preparation and the company

Trade name One-Step Oil
Type no. 234

Use Maintenance of wooden surfaces

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2 Possible risks

Classification in accordance with Directive 1999/45/EC and Ordinance on Hazardous Substances (GefStoffV).

Dangers to people Repeated contact may lead to brittle skin. Obtain medical advice in the case of symptoms and produce packaging or this label.
Wear a dust mask when sanding.
Contains cobalt octoate - may cause allergic reactions.

Environment The product itself is not spontaneously combustible. Risk of spontaneous combustion of cloths, abrasive dust, sanding pads, etc. soaked with product.

Classification system The classification corresponds to the current EU lists and is supplemented by specialist literature, as well as company specifications.

3 Composition/Information on the components

Description Mix of linseed oil, linseed oil/stand oil/natural ester gum, natural ester gum, safflower oil, bee wax, micronized wax, carnauba wax, titanium dioxide and lead-free and cobalt-free drying agents.

Chemical designation	CAS No.	EINECS No.	%	Classification	R sets
Zirconium octoate	18312-04-4	242-197-8	< 0.5	Xi	R 38

4 First Aid

General information

After inhalation Bring the affected person out into fresh air! Consult a doctor in the case of symptoms or complaints.

After skin contact Remove the dirty clothing. Wash the affected body parts with soap and water.

After eye contact Rinse well-opened eyelids (approx. 10 - 15 m) with plenty of water

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Consult a doctor in the case of lasting symptoms or complaints.

After swallowing

Do not induce vomiting. Consult a doctor immediately and produce the packaging or label.

5 Fire-fighting measures

Suitable extinguisher	Foam, spray water or mist. Dry powder extinguisher, carbon dioxide, sand or earth extinguishers can only be used for small fires. Do not direct extinguishing water into the water network.
For safety reasons	Water jet.
Unsuitable extinguishers	
Special protective equipment	Do not inhale fumes from explosions or fires. If necessary, wear an inhalation mask..
Additional information:	Cool hazardous containers with a water spray jet. Carbon monoxide may be released in the case of incomplete combustion

6 Measures for unintentional release

Personal precautionary measures	Avoid inhaling the vapours. Ensure there is sufficient ventilation. Avoid contact with released material. Remove contaminated clothing immediately.
Environment protection measures	Do not allow material to enter the sewage, water or ground water network.
Procedure for cleaning/absorption	Clean using a liquid-absorbent material. Sand, diatomaceous earth, universal absorbent, sawing chips. Please also observe point 2

7 Handling and storage

Information for safe handling	The usual precautionary measures for handling paint must be observed. Ensure there is good ventilation or extraction at the workplace. Avoid contact with the skin and eyes. Smoking, eating and drinking are not permitted at the workplace. For information on personal protective gear see 8.
Information on fire and explosion protection	Stay clear of the ignition source. Avoid spark formation. Do not smoke. Observe the general rules of the preventative fire protection requirements. Electrostatic charges may be produced during pumping. Secure the current flow by earthing all devices.
Requirements for storage rooms and containers	Observe country-specific requirements for the storage of materials with slight water hazards.
Mixed storage	Store separately from oxidants. In particular, check the permissibility of storage with other materials.
Other information on the storage conditions	Protect against heat and direct sunlight.
Storage class	
Classification i.a.w. VCI/VbF	

8 Exposure limit and personal protective gear

Occupational exposure limits

CAS No.	Designation of the material	Limit	Type
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Additional information

General protection and hygiene	The usual precautionary measures for handling chemicals must be observed. Wash hands before eating, drinking, smoking and using the toilet.
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Personal protective gear

Inhalation mask Ensure there is good ventilation.
Hand protection Wear solvent-resistant gloves (checked i.a.w. EN 374).
Eye protection Thick protective goggles, eye wear (EN 166)
Body protection Wear the prescribed protective clothing. Wear protective overalls when spraying.

9 Physical and chemical properties

Paint Yellow, milky
Form Liquid
Smell Mild
Change of state
Melting point/Melting range n.b.
Boiling point/Boiling range Solvent starts to boil n.a.
Flash point > 100 °C
Ignition temperature > 400 °C
Self-ignition The product itself is not spontaneously combustible.
There is a risk of spontaneous combustion due to the plant oil content in the case of wet cleaning cloths, adsorbent agents and abrasive dust that is not fully dried, for example; absence of oxygen and light.
Risk of explosion The product is not explosive.
Explosion limits Upper: Vol % Lower: Vol %
Vapour pressure at 20°C: < 1 mbar
Solidification range n.b.
pH value n.a.
Density approx. 0,96 g/cm³ at 20 °C
Solubility in water Insoluble
Viscosity DIN 3 mm approx. 90 sec at 20°C

10 Stability and reactivity

Hazardous reactions Stable under normal conditions of use
Avoidable conditions Avoid heat, radio communication, open fire and other radio sources.
Avoidable materials Strong oxidants
Hazardous decomposition products No hazardous decomposition products known when used for its intended purpose. The thermal decomposition is largely dependent on the external conditions. A complex mix of carbon monoxide, carbon dioxide and other organic compounds, among others, are formed when this material is burned or thermally or oxidatively fitted.

11 Information on toxicology

Basis for evaluation The information stated is based on examinations of the product and/or similar products and/or components.
Acute oral toxicity Practically not toxic (estimated): LD50 > 2000 mg/kg, rat.
Acute dermal toxicity Practically not toxic (estimated): LD50 > 2000 mg/kg, rat.
Acute inhalation toxicity Minor toxicity: LC50 greater than almost saturated vapour concentration / 4 h, rat.

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Irritation

After inhalation

After skin contact

Avoid long or repeated contact.

After eye contact

Not irritable on eyes. May cause slight eye complaints but no damage to the eye tissue

After swallowing

Sensitisation

Carcinogenicity

No proof

Mutagenicity

No proof of mutagenic activity.

Reproduction and development toxicity

No proof of development damage

12 Information on ecology

Acute toxicity

Fish

Aquatic organisms

Toxicity: LC/EC/IC50 > 1000 mg/ml

General information

Do not allow material to enter the sewage, water or ground water network. Channel sewage containing the product over an oil/fat separator.

The organic components are biologically degradable.

Contains components that are slightly hazardous to water in accordance with water hazard class 1.

13 Information on disposal

Disposal information

Hazardous waste incinerator: The official local regulations on disposal must be observed.

Well-set paint: Domestic waste

Waste key number

08 01 12

Unwashed packaging, recommendation

Dispose of in accordance with official regulations. Packaging must ideally be emptied. It can then be recycled after appropriate cleaning.

14 Information on transport

ADR/RID

No hazardous materials in the sense of the transport regulations

Class

Packaging group

Classification code

Hazard warning label no.

UN no.

Hazard warning label (main hazard)

Technical designation

IMDG

No hazardous materials in the sense of the transport regulations

UN no.

Technical designation

Class/Category

Packaging group

Marine pollutant

IATA

No hazardous materials in the sense of the transport regulations

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UN no.

Technical designation

Class/Category

Packaging group

15 Regulations

The information on statutory regulations does not claim to be complete.

Designation in accordance with EEC Directives and Ordinance on Hazardous Substances (GefStoffV/EU)

EU classification

The product is not subject to mandatory labelling as per EU Directives and Ordinance on Hazardous Substances (GefahrStoffV/EU).

EU hazard symbol

The usual precautionary measures for handling chemicals must, however, be observed.

R sets

S sets

Keep away from children!

Special designation

ChemVOCFarbV

Max. 1 g/l (limit 01.01.2010: 400 g/l)

Category

e

National regulations

Classification i.a.w. VCI/VbF

Water hazard class

Water hazard class 1

GISCODE

Ö 10

16 Other information

The information is based on our current knowledge and experience. There are no contractual assurances provided with regard to the quality properties of the product and no legal relationship is established.

All previous information becomes invalid with the issue of this Safety Data Sheet.

Date sheet of the issuing area

Department: Product Management/Standardisation