

# EU – Material Safety Data Sheet

According to 91/155/EEC



Date prepared: 06.05.05 Date of Printing: 07.06.11 Trade Name: eico prim oil

Item number: 2052

## 1. Identification of substance.

### Substance Identification

Trade Name: eico prim oil  
Item Number: 2052  
Product Use: Natural oil for the surface treatment of worktops.

### Supplier Details

Supplier's name & address: eico paints limited  
861-863 Fulham Road  
London SW6 5HP  
United Kingdom

Place of manufacturing: EU

Emergency information: In case of emergencies contact during normal hours  
Emergency telephone number: +44 (0)20 7736 9876

## 2. Data on components

### Chemical characteristics:

A mixture and cooking of linseed oil, tung oil, modified ricinus oil, colophony-ester, microcrystalline wax, zinc oxide, cobalt-, zirconium-, manganese- octoate-dryer, anti-skinning agent butanonoxim.

### Specific hazards:

Substance	CAS(TSCA)	EINECS	% content	Hazard indicator	R phrases
Tung oil	8001-20-5	232-272-3	10-20	X <sub>i</sub>	43
Zinc oxide	1314-13-2	215-222-5	< 2,5	N	50; 53
cobaltoctoate cobaltbis (dicarbolide)	68409-181-4	270-066-5	<1,0	X <sub>n</sub>	22; 38; 43
2-butanonoxim	96-29-7	202-496-6	< 1,0	X <sub>n</sub>	21;40;41; 43

The R phrases are defined in chapter 16!

## 3. Hazards identification

Hazard symbols: Not applicable

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

Sensitization through skin contact is possible.  
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
Danger of spontaneous combustion for rags, clothes, sanding dust and implements e.g. sponges, pads, wipers etc. soaked in product.

## 4. First aid measures

After inhalation:	Special measures are not required.
After skin contact:	Remove contaminated clothing and wash affected skin with soap and water. If irritation persists seek immediate medical advice.
After eye contact:	Immediately flush eyes with water for at least 10 minutes occasionally lifting eyelids. If victim wears contact lenses, remove lenses and continue rinsing. Obtain medical attention.
Ingestion:	Drink as much water as possible to dilute. Do not induce vomiting. Seek immediate medical consultation.

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## 5. Fire Fighting Measures

<b>Suitable extinguishing agents:</b>	Carbon dioxide, extinguishing powder, alcohol-resistant foam, water spray.
<b>Unsuitable extinguishing agents due to safety reasons:</b>	Water jet or stream.
<b>Personal protective equipment:</b>	Please wear self-contained breathing apparatus. Avoid breathing vapours caused by fire and explosion.
<b>Special fire fighting procedures:</b>	Collect contaminated water separately. Do not release into canalisation.

## 6. Accidental release measures

<b>Person-related safety precautions:</b>	Wear protective equipment. Avoid eye and skin contact. Seal all existing leaks.
<b>Measures for environmental safety protection:</b>	Do not allow material to be released to the environment. In case of an accidental release contact the responsible authorities according to the local state and federal regulations.
<b>Measures for cleaning/collecting:</b>	Clean with Thinner or the commercial turpentine cleaning agent e.g. Universal Thinner. If possible avoid using organic-free solvents. Take up using fluid binding materials (e.g. sand, diatomaceous earth, universal binding agent etc.). Do not use saw dust or any other organic and flammable material. Dispose contaminated material according to chapter 13. Keep absorbed material in re-sealable and labelled containers and dispose according to the local state and federal regulations.

## 7. Handling and storage

<b>Information for safe handling:</b>	Ensure good ventilation at workplace. Prevent aerosol formation. Please observe the general safety precautions when working with coating systems.
<b>Unusual fire and explosion hazards:</b>	Danger of spontaneous combustion for rags, clothes, sanding dust and implements e.g. sponges, pads, wipers etc. soaked in product. Keep containers tightly closed or soak in water or allow to dry out completely on a non-combustible surface after working with the product.
<b>Storage:</b>	Keep only in the original containers. Seal tight and store in well ventilated, dry and cool areas. Keep away from heat and freeze.
<b>Information on storage with other products:</b>	Not applicable.

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<b>8. Exposure controls and personal protection</b>	
<b>Exposure limit:</b>	No observation of work place oriented limiting values necessary.
<b>Hygienic practices:</b>	Keep away from foodstuff, beverages and feed. Remove all soiled and contaminated clothing immediately and make sure to wash and moisturise skin after working with the product.
<b>Personal safety equipment:</b>	
<b>Respiratory protection:</b>	In well ventilated rooms respiratory equipment is unnecessary. In cases where particulate and vapour concentrations are above the exposure limits personnel must wear respirator device according to the levels! See safety equipment supplier for evaluation and recommendation.
<b>Eye protection:</b>	Use safety goggles or face shield designed to protect against splash of liquids.
<b>Protection of hands:</b>	Use solvent-resistant gloves. Refer to safety equipment supplier for effective gloves.
<b>General Protection:</b>	Always wear suitable work clothes.
<b>9. Physical and chemical properties</b>	
<b>Appearance:</b>	
Form:	Liquid
Color:	Beige – dusky pink when stirred thoroughly
Odor:	Atypical
<b>Change in condition / security relevant data</b>	
Setting point:	Not defined.
Boiling point:	Not applicable.
Ignition temperature:	Not applicable.
Burning point:	Not applicable.
Lower explosion limit:	Not applicable.
Upper explosion limit:	Not applicable.
Vapour pressure:	Not defined.
Density at 20°C:	approx. 0,943 g/cm <span style="float: right;">DIN 53217 ISO 2811</span>
Relative density in relation with air at 20°C:	Not defined.
Water solubility:	Hardly soluble to insoluble
pH-value at 20 °C:	Inapplicable
Viscosity at 20°C:	28-32 seconds <span style="float: right;">DIN cup 4 mm DIN 53211</span>

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<b>Further information:</b>	
Solids content:	100%
Content of organic solvents:	0%
<b>10. Stability and reactivity</b>	
Thermal decomposition:	Decomposition will not occur if used and stored according to specifications.
Dangerous reactions:	No dangerous reactions known.
Dangerous products of decomposition:	Under conditions such as high temperatures or combustion products of decomposition such as carbon dioxide, carbon monoxide, fume as well as nitrogen oxides can develop.
<b>11. Toxicological information</b>	
Acute toxicity:	No acute toxicological characteristics known
Primary irritant effect:	No primary irritant effect known.
Sensitization:	May cause sensitization by skin contact.
Additional toxicological information:	Practical experiences and analyses have shown that this product does not pose a risk of health when used and stored according to specifications. Please observe the raw materials in order to prevent allergic reactions.
<b>12. Ecological information</b>	
Ecological toxicological effects:	Due to the content of zinc oxide: Toxic to aquatic organisms that may cause long-term adverse effects in the aquatic environment.
Algues-toxicity - for zinc oxide:	EC 50 (Selenastrum capricomutum 72 hours): 170µg/L (Lisec1997)
Avoid runoff of large amounts into ground, or storm sewers which lead into waterways.	
Water pollution class:	WPC: 1 (VwVwS) low hazardous to waters (self categorization)
<b>13. Disposal considerations</b>	
Substance:	Liquid remains are categorized as hazardous waste. Dispose in accordance with federal, state or provincial and local pollution requirements. Smaller remains as well as work material soaked with the product need to dry out completely and can be disposed with the normal household rubbish.
Containers:	Empty and clean containers and dispose in accordance with applicable federal, state and local laws and regulations. Treat containers that cannot be cleaned out are categorized as hazardous waste and must be treated like the substance.
Disposal key:	08 01 11 Paint- and varnish remains that contain organic solvents or other hazardous substances.

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## 14. Transport information

This product is not classified as dangerous good!

## 15. Regulations.

Labelling and classification of product according to the guidelines of the EC as well as the Ordinance on Hazardous Substances:

Indication of hazard:

Not applicable!

Labelling:

R phrases:

R 43

May cause sensitization by skin contact

R 52

Harmful to aquatic organisms

R 53

May cause long-term adverse effects in the aquatic Environment

S phrases:

S 2

Keep out of reach of children.

S 51

Use only in well ventilated rooms areas.

S 61

Avoid release to the environment. Refer to special Instructions / safety data sheets.

Please make sure to wear sufficient skin protection when working with the product!

Disposal key:

08 01 11

Paint- and varnish remains that contain organic solvents or other hazardous material.

Regulations for Switzerland:

Federal Office for Import and Export T No.

Hazard class:

Not classified as toxic!

National regulations:

Information on employment restrictions:

Please observe national law on employment for such products

Event of fault V:

Product is not categorised as event of fault V!

Technical instruction air (for aliphatic hydrocarbons):

VbF:

Not applicable

Water pollution class:

1 (VwVwS) low hazardous (Self-classification)

GISCODE:

Ö 10

## 16. Other information:

The R phrases (dangerous substances)

R 21

Harmful in contact with skin.

R 22

Harmful if swallowed.

R 38

Irritating to skin.

R 40

Limited evidence of carcinogenic effect.

R 41

Risk of serious damage to eyes.

R 43

May cause sensitization by skin contact.

R 50

Very toxic to aquatic organisms.

R 53

May cause long-term adverse effects in the aquatic environment.

The information in this MSDS based on the knowledge we have today. However, it is not a guarantee for the product characters neither do they count as foundation of the contractual legal relationship. The data was obtained from the raw material supplier MSDS information and additionally acquired by an established and respectable or our internal laboratory.

**Essential amendment:**

This safety data sheet replaces the issue of: 17.12.2004!

Amendments: General revision and appendix: all chapters affected!