

**1 Identification**

- Product identifier
- Trade name: Epifanes Bootlak Blank
- Relevant identified uses of the substance or mixture and uses advised against  
No further relevant information available.
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:  
W.Heeren & Zoon bv.  
P.O. box 166  
1430 AD Aalsmeer  
Netherlands  
tel.+31-(0)297-360366  
fax +31-(0)297-342078  
email: r&d@epifanes.nl
- Information department: environment protection department
- Emergency telephone number:  
W.Heeren & Zoon bv. tel: +31 297 360678, E-mail: r&d@epifanes.nl  
Kantooruren: werkdagen van 08:00 tot 17:00 uur.  
NVIC, Tel. +31 30 2748888  
Uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen!

**2 Hazard(s) identification**

- Classification of the substance or mixture



GHS02 Flame

H226 Flammable liquid and vapour.



GHS07

H317 May cause an allergic skin reaction.

- Label elements
- GHS label elements  
The product is classified and labeled according to the Globally Harmonized System (GHS).
- Hazard pictograms GHS02, GHS07
- Signal word Warning
- Hazard-determining components of labeling:  
2-butanone oxime
- Hazard statements  
H226 Flammable liquid and vapour.  
H317 May cause an allergic skin reaction.
- Precautionary statements  
P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.  
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P241 Use explosion-proof electrical/ventilating/lighting/equipment.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

(Contd. on page 2)

Trade name: Epifanes Bootlak Blank

(Contd. of page 1)

P321 Specific treatment (see on this label).  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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



Health = 0  
Fire = 3  
Reactivity = 0

- HMIS-ratings (scale 0 - 4)



Health = 0  
Fire = 3  
Reactivity = 0

- Other hazards
- 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	naphta (petroleum), hydrotreated heavy H226 H304	25-50%
1330-20-7	xylene H226 H312; H332; H315	≤ 2.5%
96-29-7	2-butanone oxime H351 H318 H312; H317 H227	≤ 2.5%
140-66-9	4-(1,1,3,3-tetramethylbutyl)phenol	≤ 2.5%
98-54-4	4-tert-butylphenol H314 H319; H335	≤ 2.5%
136-52-7	cobalt bis(2-ethylhexanoate) H301	≤ 2.5%

- SVHC

140-66-9	4-(1,1,3,3-tetramethylbutyl)phenol
----------	------------------------------------

### 4 First-aid measures

- Description of first aid measures
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- After swallowing: If symptoms persist consult doctor.

(Contd. on page 3)

Trade name: Epifanes Bootlak Blank

(Contd. of page 2)

- Information for doctor:
- Most important symptoms and effects, both acute and delayed  
No further relevant information available.
- Indication of any immediate medical attention and special treatment needed  
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.
- For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture  
No further relevant information available.
- Advice for firefighters
- Protective equipment: No special measures required.

**6 Accidental release measures**

- Personal precautions, protective equipment and emergency procedures  
Wear protective equipment. Keep unprotected persons away.
- Environmental precautions:  
Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- 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  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- Information about protection against explosions and fires:  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- Conditions for safe storage, including any incompatibilities
- Storage:  
Requirements to be met by storerooms and receptacles: No special requirements.  
Information about storage in one common storage facility: Not required.  
Further information about storage conditions: Keep receptacle tightly sealed.
- 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.

(Contd. on page 4)

Trade name: Epifanes Bootlak Blank

(Contd. of page 3)

· Control parameters

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

1330-20-7 xylene

PEL	Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
REL	Short-term value: 655 mg/m <sup>3</sup> , 150 ppm Long-term value: 435 mg/m <sup>3</sup> , 100 ppm
TLV	Short-term value: 651 mg/m <sup>3</sup> , 150 ppm Long-term value: 434 mg/m <sup>3</sup> , 100 ppm BEI

· Ingredients with biological limit values:

1330-20-7 xylene

BEI	1.5 g/g creatinine Medium: urine Time: end of shift Parameter: Methylhippuric acids
-----	--

· Additional information:

The lists that were valid during the creation were used as basis.

· Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:

Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

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.

(Contd. on page 5)

Trade name: Epifanes Bootlak Blank

(Contd. of page 4)

· Eye protection:



Tightly sealed goggles

**9 Physical and chemical properties**

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Fluid
Color:	According to product specification
· Odor:	Characteristic
· Odour threshold:	Not determined.
· pH-value at 20 °C (68 °F):	7
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	150 °C (302 °F)
· Flash point:	36 °C (97 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	
Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure:	Not determined.
· Density at 20 °C (68 °F):	0.919 g/cm <sup>3</sup> (7.669 lbs/gal)
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C (68 °F):	40 s (ISO 6 mm)
· Solvent content:	
Organic solvents:	41.2 %
VOC content:	41.2 %
	VOC content:
	379.0 g/l / 3.16 lb/gl

(Contd. on page 6)

Trade name: Epifanes Bootlak Blank

(Contd. of page 5)

Solids content: 57.4 %  
 · Other information No further relevant information available.

**10 Stability and reactivity**

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:  
 No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

**11 Toxicological information**

- Information on toxicological effects
- Acute toxicity:
- Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.
- Additional toxicological information:
- Carcinogenic categories

· IARC (International Agency for Research on Cancer)

1330-20-7	xylene	3
100-41-4	ethylbenzene	2B
136-52-7	cobalt bis(2-ethylhexanoate)	2B

- NTP (National Toxicology Program)
- None of the ingredients is listed.

**12 Ecological information**

- Toxicity
- Aquatic toxicity: No further relevant information available.
- 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  
 Do not allow undiluted product or large quantities of it to reach ground water,  
 water course or sewage system.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.




Trade name: Epifanes Bootlak Blank

(Contd. of page 6)

**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	UN1263
· UN proper shipping name	
· DOT	CONSUMER COMMODITY, ORM-D Paint
· ADR	1263 Paint
· IMDG	CONSUMER COMMODITY, ORM-D PAINT
· IATA	PAINT
· Transport hazard class(es)	
· DOT	
	
· Class	3 Flammable liquids.
· Label	3
· ADR	
	
· Class	3 (F1) Flammable liquids
· Label	3
· IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· Packing group	
· DOT, ADR, IMDG, IATA	III
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Warning: Flammable liquids
· Danger code (Kemler):	30

(Contd. on page 8)

Trade name: Epifanes Bootlak Blank

(Contd. of page 7)

· EMS Number:	F-E, S-E
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Remarks:	CERCLA/DOT RQ: 617gal./4786 lbs.
· IMDG	
· Remarks:	System Reference Code:5
· UN "Model Regulation":	UN1263, Paint, 3, III

**15 Regulatory information**

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

· Section 355 (extremely hazardous substances):	None of the ingredient is listed.
---	-----------------------------------

· Section 313 (Specific toxic chemical listings):	
1330-20-7	xylene
100-41-4	ethylbenzene

· TSCA (Toxic Substances Control Act):	
64742-48-9	naphta (petroleum), hydrotreated heavy
1330-20-7	xylene
80-46-6	p-(1,1-dimethylpropyl)phenol
127519-17-9	A mixture of branched and linear C7-C9 alkyl 3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethyl-ethyl)-4-hydroxyphenyl] propionates
68409-80-3	Isomeren van vetzure calciumzouten, C6-C19 Isomers from fatty acid salts
22464-99-9	Zirconiumoctoate, 12 % Zr
96-29-7	2-butanone oxime
100-41-4	ethylbenzene
108-83-8	2,6-dimethylheptan-4-one
140-66-9	4-(1,1,3,3-tetramethylbutyl)phenol
98-54-4	4-tert-butylphenol
136-52-7	cobalt bis(2-ethylhexanoate)
112-34-5	2-(2-butoxyethoxy)ethanol

- Proposition 65

· Chemicals known to cause cancer:	
100-41-4	ethylbenzene

· 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.
---	------------------------------------

(Contd. on page 9)



Trade name: Epifanes Bootlak Blank

(Contd. of page 8)

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Cancerogenity categories

· EPA (Environmental Protection Agency)

1330-20-7	xylene	I
100-41-4	ethylbenzene	D

· TLV (Threshold Limit Value established by ACGIH)

1330-20-7	xylene	A4
100-41-4	ethylbenzene	A3

· MAK (German Maximum Workplace Concentration)

96-29-7	2-butanone oxime	2
100-41-4	ethylbenzene	3A

· 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.

· National regulations:

· Technical instructions (air):

Class	Share in %
I	≤ 2,5
NK	25-50

· Water hazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

· 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.

· Abbreviations and acronyms:

- RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
- ICAO: International Civil Aviation Organization
- 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
- 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)

· \* Data compared to the previous version altered.