

Page 1/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

1 Identification

- · Product identifier
- · Trade name: Epifanes Poly-urethane Primer Comp. B (cure)
- · Application of the substance / the mixture See our technical datasheet for application of this product.
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

W. Heeren & Zoon bv.

P.O. box 166

1430 AD Aalsmeer

Netherlands

tel.+31 297-360666

fax.+31 297-342078

email:info@epifanes.nl

- · Information department: Research & Development.
- · Emergency telephone number:

Emergency Phone Number (24 hours) CHEMTREC (800-424-9300)

Outside US: 703-527-3887

2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health hazard

Resp. Sens. 1 H334 May cause allergy or asthma symptoms or breathing

difficulties if inhaled.

Carc. 2 H351 Suspected of causing cancer.



GHS07

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Label elementsGHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 2)



Page 2/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 1)

· Hazard pictograms







GHS02

GHS07

- · Signal word Danger
- · Hazard-determining components of labeling:

aromatische polyisocyanaat

Xylene

Solvent naphtha (petroleum), light arom. (Note-P)

ethylbenzene

m-tolylidene diisocyanate

4-isocyanatosulphonyltoluene

· Hazard statements

H226 Flammable liquid and vapor.

H332 Harmful if inhaled.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H334 May cause allergy or asthma symptoms or breathing difficulties if

inhaled.

H317 May cause an allergic skin reaction.

H351 Suspected of causing cancer.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. - No P210

smoking.

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face

protection.

P301+P310 If swallowed: Immediately call a poison center/doctor.

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated

clothing. Rinse skin with water/shower.

P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/container in accordance with local/regional/

national/international regulations.

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



Health = 2Fire = 2Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 2Fire = 2

Reactivity = 0

(Contd. on page 3)



Page 3/15

Safety Data Sheet acc. to OSHA HCS

Reviewed on 02/16/2021 Printing date 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 2)

- · 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.

CAS: 53317-61-6	aromatische polyisocyanaat () Eye Irrit. 2A, H319; Skin Sens. 1, H317	25-50%
CAS: 64742-95-6 EINECS: 265-199-0 Index number: 649-356-00-	Solvent naphtha (petroleum), light arom. (Note-P) Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H335-H336	25-50%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	10-25%
CAS: 1330-20-7 EINECS: 215-535-7	Xylene flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; STOT SE 3, H335	2.5-10%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-	ethylbenzene Flam. Liq. 2, H225 Carc. 2, H351; STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332; Skin Irrit. 2, H315; STOT SE 3, H335	≤2.5%
CAS: 26471-62-5 EINECS: 247-722-4 Index number: 615-006-00-	m-tolylidene diisocyanate Acute Tox. 2, H330 Resp. Sens. 1, H334; Carc. 2, H351 Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	≤0.5%

· Additional information:

For the wording of the listed hazard phrases refer to section 16.



Page 4/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 3)

4 First-aid measures

- · Description of first aid measures
- · General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

· After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

Immediately rinse with water.

· After eye contact:

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- · After swallowing: If symptoms persist consult doctor.
- · 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:

CO2, 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

During heating or in case of fire poisonous gases are produced.

- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions:

Prevent seepage into sewage system, workpits and cellars.

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).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

(Contd. on page 5)



Page 5/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 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.
- · Protective Action Criteria for Chemicals

TIOCECCIVE	Action Circeria for Chemicars	
· PAC-1:		
108-65-6	2-methoxy-1-methylethyl acetate	50 ppm
100-41-4	ethylbenzene	33 ppm
26471-62-5	m-tolylidene diisocyanate	0.02 ppm
98-59-9	tosyl chloride	0.45 mg/m ³
· PAC-2:		•
108-65-6	2-methoxy-1-methylethyl acetate	1,000 ppm
100-41-4	ethylbenzene	1100* ppm
26471-62-5	m-tolylidene diisocyanate	0.083 ppm
98-59-9	tosyl chloride	5 mg/m³
· PAC-3:		
108-65-6	2-methoxy-1-methylethyl acetate	5000* ppm
100-41-4	ethylbenzene	1800* ppm
26471-62-5	m-tolylidene diisocyanate	0.51 ppm
98-59-9	tosyl chloride	30 mg/m ³

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.
- Keep respiratory protective device available.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: No special requirements.
- $^{\cdot}$ 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 6)



Page 6/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 5)

- · Control parameters
- Components with limit values that require monitoring at the workplace:
 The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

	5-6 2-methoxy-1-methylethyl acetate
WEEL	Long-term value: 50 ppm
1330-	20-7 Xylene
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 655 mg/m³, 150 ppm
	Long-term value: 435 mg/m³, 100 ppm
TLV	Short-term value: 651 mg/m³, 150 ppm
	Long-term value: 434 mg/m³, 100 ppm BEI
100-4	1-4 ethylbenzene
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 545 mg/m³, 125 ppm
	Long-term value: 435 mg/m³, 100 ppm
TLV	Long-term value: 87 mg/m³, 20 ppm BEI
26471	-62-5 m-tolylidene diisocyanate
PEL	Ceiling limit value: 0.14 mg/m³, 0.02 ppm
REL	LFC
TLV	Short-term value: (0.14) NIC-0.021* mg/m³, (0.02) NIC-0.003* ppm
	Long-term value: (0.036) NIC-0.007* mg/m³, (0.005) NIC-0.001* ppm *(IFV) SEN; NIC-Skin; A3
108-6	5-6 2-methoxy-1-methylethyl acetate
WEEL	Long-term value: 50 ppm
1330-	20-7 Xylene
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 655 mg/m³, 150 ppm
	Long-term value: 435 mg/m³, 100 ppm
TLV	Short-term value: 651 mg/m³, 150 ppm
	Long-term value: 434 mg/m³, 100 ppm BEI
100-4	1-4 ethylbenzene
PEL	Long-term value: 435 mg/m³, 100 ppm
REL	Short-term value: 545 mg/m³, 125 ppm
ك لده د	Long-term value: 435 mg/m ³ , 100 ppm
TLV	Long-term value: 87 mg/m³, 20 ppm
	BEI
26471	-62-5 m-tolylidene diisocyanate
PEL	Ceiling limit value: 0.14 mg/m³, 0.02 ppm



Page 7/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 6)

REL LFC TT.V Short-term value: (0.14) NIC-0.021* mg/m³, (0.02) NIC-0.003* ppm Long-term value: (0.036) NIC-0.007* mg/m³, (0.005) NIC-0.001* ppm *(IFV) SEN; NIC-Skin; A3

Regulatory information

WEEL: Guide to Occupational Exposure Values (AIHA WEELs) PEL: Guide to Occupational Exposure Values (OSHA PELs) REL: Guide to Occupational Exposure Values (NIOSH RELs) TLV: Guide to Occupational Exposure Values (TLV)

Ingredients with biological limit values:

100-41-4 ethylbenzene

BEI 0.7 g/g creatinine

Medium: urine

Time: end of shift at end of workweek

Parameter: Sum of mandelic acid and phenylglyoxylic acid (nonspecific,

semi-quantitative)

Medium: end-exhaled air

Time: not critical

Parameter: Ethyl benzene (semi-quantitative)

Additional information:

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

- · Exposure controls
- Personal protective equipment:
- General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Breathing equipment:

Suitable respiratory protective device recommended.

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.

Filter AX

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.

(Contd. on page 8)



Page 8/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 7)

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.
- · For the permanent contact gloves made of the following materials are suitable: nitrile rubber;
 - recommended glove thickness> 0.45mm. permeability / permeation time:> 480 min. according to EN 374.
- · As protection from splashes gloves made of the following materials are suitable:

Nitrile

Glove thickness> 0.45 mm, breakthrough time> 30 min. to EN374

· Eye protection:



Tightly sealed goggles

	9	Physica	1 and	chemical	pro	perties
--	---	---------	-------	----------	-----	---------

•	Information	on	basic	physical	and	chemical	properties
---	-------------	----	-------	----------	-----	----------	------------

· General Information

· Appearance:

Form: Fluid

Color: According to product specification

Odor: Characteristic Odor threshold: Not determined.

· pH-value: Not determined.

· Change in condition

Melting point/Melting range: Undetermined. Boiling point/Boiling range: 145 °C (293 °F)

· Flash point: 40 °C (104 °F)

· Flammability (solid, gaseous): Not applicable.

· Ignition temperature: 315 °C (599 °F)

· 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: 1.5 Vol % Upper: 10.8 Vol %

(Contd. on page 9)



Page 9/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

Contd. of page 8

	(Contd. of page
· Vapor pressure at 20 °C (68 °F):	3.4 hPa (2.6 mm Hg)
· Density at 20 °C (68 °F):	1.15 g/cm³ (9.59675 lbs/gal)
· Relative density	Not determined.
· Vapor density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/	
<pre>water):</pre>	Not determined.
· Viscosity:	
Dynamic at 20 $^{\circ}$ C (68 $^{\circ}$ F):	1200 mPas
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	52.9 %
VOC content:	52.94 %
	VOC content:
	608.8 g/l / 5.08 lb/gal
Solids content:	66.7 %
· Other information	No further relevant information available.

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- · Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- \cdot 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:

· LD/LC50 val	· LD/LC50 values that are relevant for classification:		
64742-95-6	Solvent naphtha	(petroleum), light arom. (Note-P)	
Oral	LD50	3592 mg/kg (rat)	
Dermal	LD50 (Konijn)	3160 mg/kg (rabbit)	
Inhalative	LC50 (rat)	>6193 mg/m³ (rat)	
108-65-6 2-	methoxy-1-methy	lethyl acetate	
Oral	LD50	8532 mg/kg bw (rat)	
Inhalative	LC50/4 h	35.7 mg/l (rat)	
		(Contd. on page 10)	



Page 10/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 9)

100-41-4 et	hylbenzene		
Oral	LD50	3500 mg/kg bw (rat)	
Dermal	LD50	17800 mg/kg bw (rabbit)	

- Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.
- · on the eye: Irritating effect.
- · Sensitization:

Sensitization possible through inhalation.

Sensitization possible through skin contact.

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful

Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer) 100-41-4 ethylbenzene 2 26471-62-5 m-tolylidene diisocyanate 2 · NTP (National Toxicology Program) 26471-62-5 m-tolylidene diisocyanate
26471-62-5 m-tolylidene diisocyanate 2 NTP (National Toxicology Program)
· NTP (National Toxicology Program)
32 3 1
26471-62-5 m-tolylidene diisocyanate
OSHA-Ca (Occupational Safety & Health Administration)
None of the ingredients is listed.

12 Ecological information

· Toxicity

	~4		
· Aquati	· Aquatic toxicity:		
108-65-6 2-methoxy-1-methylethyl acetate			
EC50	408-500 mg/l (daphnia magna) (48 uur/hour)		
IC 50	>1000 mg/l (Algae, Growth inhibition test) (72 uur/hour)		
LC50	100-180 mg/l (Fish Acute Toxicity Study) (96 uur/hour)		

- Persistence and degradability No further relevant information available.
- · Behavior in environmental systems:
- $^{\cdot}$ Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.



Page 11/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 10)

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

· DOT, ADR, IMDG, IATA UN

UN1263

· UN proper shipping name

· DOT CONSUMER COMMODITY, ORM-D

Paint

· ADR 1263 PAINT, ENVIRONMENTALLY HAZARDOUS

· IMDG CONSUMER COMMODITY, ORM-D

PAINT PAINT

· Transport hazard class(es)

· DOT

· IATA



· Class 3 Flammable liquids

· Label 3

· ADR





· Class 3 Flammable liquids

Label

· IMDG, IATA



· Class 3 Flammable liquids

Label

· Packing group

· DOT, ADR, IMDG, IATA III

(Contd. on page 12)



Page 12/15

(Contd. of page 11)

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

· Environmental hazards: · Marine pollutant: No · Special marking (ADR): Symbol (fish and tree) · Special precautions for user Warning: Flammable liquids · Hazard identification number (Kemler code): · EMS Number: F-E,S-E · Stowage Category · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. • Transport/Additional information: · DOT · Quantity limitations On passenger aircraft/rail: 60 L On cargo aircraft only: 220 L CERCLA/DOT RQ: 617gal./4786 lbs. · Remarks: Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml · IMDG · Limited quantities (LQ) 5L

Code: E1

30 ml

1000 ml

HAZARDOUS

Maximum net quantity per inner packaging:

Maximum net quantity per outer packaging:

UN 1263 PAINT, 3, III, ENVIRONMENTALLY

15 Regulatory information

All components have the value ACTIVE.

· UN "Model Regulation":

· Excepted quantities (EQ)

- · 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):	
100-41-4	ethylbenzene	
26471-62-5	m-tolylidene diisocyanate	
· TSCA (Toxic Substances Control Act):		

(Contd. on page 13)



Page 13/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 12)

· Hazardous Air Pollutants			
1330-20-7	Xylene		
100-41-4	ethylbenzene		
· Proposition 65			

· Chemicals known to cause cancer:			
100-41-4	ethylbenzene		
26471-62-5	m-tolylidene diisocyanate		

· 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.
- · Cancerogenity categories

	o ₁ -mooge		
· EPA (Enviro	nmental Protection Agency)		
100-41-4 e	thylbenzene		D
· TLV (Thresh	old Limit Value)		
100-41-4	ethylbenzene	A3	3
26471-62-5	m-tolylidene diisocyanate	(2	14)
· MAK (German	Maximum Workplace Concentration)		
100-41-4	ethylbenzene		3A
26471-62-5	m-tolylidene diisocyanate		3A
· NIOSH-Ca (N	ational Institute for Occupational Safety and Health)		
None of the	ingredients is listed.		

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms







- · Signal word Danger
- · Hazard-determining components of labeling:

aromatische polyisocyanaat Xylene

Solvent naphtha (petroleum), light arom. (Note-P)

ethylbenzene

m-tolylidene diisocyanate

4-isocyanatosulphonyltoluene

Hazard statements

H226 Flammable liquid and vapor.

Harmful if inhaled. H332

(Contd. on page 14)



Page 14/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 13) **H315** Causes skin irritation. **H319** Causes serious eye irritation. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 May cause an allergic skin reaction. Suspected of causing cancer. H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness. · Precautionary statements Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P260 Do not breathe dust/fume/gas/mist/vapors/spray. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+P310 If swallowed: Immediately call a poison center/doctor. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Store in a well-ventilated place. Keep container tightly closed. P403+P233

Dispose of contents/container in accordance with local/regional/

· National regulations:

P501

· Technical instructions (air):

Class	Share in %
I	≤0.5
NK	50-100

· Water hazard class:

Water hazard class 2 (Self-assessment): hazardous for water.

national/international regulations.

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.

- Department issuing SDS: Environment protection department.
- · Contact: J.J. van Dijk
- Date of preparation / last revision 02/16/2021 / 1
- · 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 Organisation

ADR: Accord relatif au transport international 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

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)

(Contd. on page 15)



Page 15/15

Safety Data Sheet acc. to OSHA HCS

Printing date 02/16/2021 Reviewed on 02/16/2021

Trade name: Epifanes Poly-urethane Primer Comp. B (cure)

(Contd. of page 14)

VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit Flam. Liq. 2: Flammable liquids - Category 2 Flam. Liq. 3: Flammable liquids - Category 3 Acute Tox. 4: Acute toxicity - Category 4 Acute Tox. 2: Acute toxicity - Category 2 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A Resp. Sens. 1: Respiratory sensitisation - Category 1 Skin Sens. 1: Skin sensitisation - Category 1 Carc. 2: Carcinogenicity - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Asp. Tox. 1: Aspiration hazard - Category 1 * Data compared to the previous version altered.