Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

1 Identification

· **Product identifier**

· **Trade name:** *Dr. Schutz EP Prime Comp. B*
· **Application of the substance / the mixture** Coating compound/ Surface coating/ paint

· **Details of the supplier of the safety data sheet**
· **Manufacturer/Supplier:**
Supplier:
Dr. Schutz GmbH
Holbeinstraße 17
D-53175 Bonn
Tel: +49 228/95 35 2-0
Fax: +49 228/95 35 2-46
E-Mail: export@dr-schutz.com

Import:
Schutz NA LLC
219 Monroe Street
Suite P
19464 Stowe, Pennsylvania
USA
Tel.: +1 (877) 272-4889
Mobile: +1 610-310-2412
E-Mail: sam@dr-schutz.us
Web: www.schutzna.com
· **Information department:** Department for product development
· **Emergency telephone number:**
GBK Gefahrgut Büro GmbH
telephone: +49 (0)6132 84463
(24-Hour-Number)

2 Hazard(s) identification

· **Classification of the substance or mixture**


GHS08 Health hazard

Toxic to Reproduction 2	H361 Suspected of damaging fertility or the unborn child.


GHS05 Corrosion

Skin Corrosion 1B	H314 Causes severe skin burns and eye damage.
Eye Damage 1	H318 Causes serious eye damage.


GHS07

Acute Toxicity - Oral 4	H302 Harmful if swallowed.
Acute Toxicity - Inhalation 4	H332 Harmful if inhaled.
Sensitization - Skin 1	H317 May cause an allergic skin reaction.

Flammable liquids 4	H227 Combustible liquid.

(Contd. on page 2)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 1)

· **Label elements**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms**



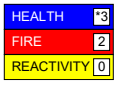
GHS05 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
benzyl alcohol
3-aminomethyl-3,5,5-trimethylcyclohexylamine
m-phenylenebis(methylamine)
salicylic acid
4,4'-Isopropylidenediphenole, oligomeric reaction product with 1-Chloro-2,3-epoxypropane, reaction product with 3-Aminomethyl-3,5,5-trimethylcyclohexylamine
2-piperazin-1-ylethylamine
3-aminopropyldimethylamine
· **Hazard statements**
H227 Combustible liquid.
H302+H332 Harmful if swallowed or if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
· **Information pertaining to particular dangers for man and environment:**
· **NFPA ratings (scale 0 - 4)**



Health = 3
Fire = 2
Reactivity = 0
· **HMIS-ratings (scale 0 - 4)**



Health = *3
Fire = 2
Reactivity = 0
· **Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

3 Composition/information on ingredients

· **Identification number(s)** WJP0-700P-E007-VKCA
· **Chemical characterization: Mixtures**
· **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**		
100-51-6	benzyl alcohol	25-50%
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	10-25%

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 2)

1477-55-0	m-phenylenebis(methylamine)	10-25%
38294-64-3	4,4'-Isopropylidenediphenole, oligomeric reaction product with 1-Chloro-2,3-epoxypropane, reaction product with 3-Aminomethyl-3,5,5-trimethylcyclohexylamine	5-10%
140-31-8	2-piperazin-1-ylethylamine	5-10%
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	1-5%
69-72-7	salicylic acid	≥1-<3%
109-55-7	3-aminopropyldimethylamine	≥1-<5%

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.
· **After eye contact:**
Rinse opened eye for several minutes under running water. Then consult a doctor.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· **After swallowing:**
Immediately call a doctor.
Drink copious amounts of water and provide fresh air. Immediately call a doctor.
Rinse out mouth and then drink plenty of water.
· **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:** Nicht anwendbar
· **Special hazards arising from the substance or mixture** No further relevant information available.
· **Advice for firefighters**
· **Protective equipment:** Mouth respiratory protective device.
· **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

(Contd. on page 4)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 3)

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away.
· **Environmental precautions:**
Inform respective authorities in case of seepage into water course or sewage system.
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).
Use neutralizing agent.
Dispose contaminated material as waste according to section 13.
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.
· **Protective Action Criteria for Chemicals**

· **PAC-1:**		
100-51-6	benzyl alcohol	30 ppm
140-31-8	2-piperazin-1-ylethylamine	6.3 mg/m3
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	6.5 mg/m³
109-55-7	3-aminopropyldimethylamine	1.2 ppm

· **PAC-2:**		
100-51-6	benzyl alcohol	52 ppm
140-31-8	2-piperazin-1-ylethylamine	69 mg/m3
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	6.6 ppm
109-55-7	3-aminopropyldimethylamine	13 ppm

· **PAC-3:**		
100-51-6	benzyl alcohol	740 ppm
140-31-8	2-piperazin-1-ylethylamine	420 mg/m³
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	40 ppm
109-55-7	3-aminopropyldimethylamine	89 ppm

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:** No special measures required.

· **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.

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 4)

Store receptacle in a well ventilated area.
· **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 section 7.

· **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.
At this time, the other constituents have no known exposure limits.

100-51-6 benzyl alcohol	
WEEL	Long-term value: 10 ppm
1477-55-0 m-phenylenebis(methylamine)	
REL	Ceiling limit value: 0.1 mg/m³ Skin
TLV	Ceiling limit value: 0.018 ppm Skin

· **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:**
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 trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 5)

· **Eye protection:**



Tightly sealed goggles

· **Body protection:** Light weight protective clothing

9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Color:	Yellowish
· **Odor:**	Acrid
· **Odor threshold:**	Not determined.
· **pH-value:**	Not determined.
· **Change in condition**	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Undetermined.
· **Flash point:**	>60°C (>140°F) (Seta Flash Closed Cup)
· **Flammability:**	Not applicable.
· **Decomposition temperature:**	Not determined.
· **Ignition temperature:**	Product is not selfigniting.
· **Danger of explosion:**	Not determined.
· **Explosion limits:**	
Lower:	1.3 Vol %
Upper:	13 Vol %
· **Vapor pressure at 20°C (68°F):**	0.1 hPa
· **Density at 20°C (68°F):**	0.99 g/cm³ (8.262 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/water):**	Not determined.
· **Viscosity:**	
Dynamic:	Not determined.
Kinematic:	Not determined.
· **Solvent content:**	
Organic solvents:	43.0 %

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 6)

VOC content ASTM D3960:	43.00 % 425.7 g/l / 3.55 lb/gal
· **Other information**	No further relevant information available.

10 Stability and reactivity

· **Reactivity** siehe Abschnitt "Möglichkeit gefährlicher Reaktionen"
· **Chemical stability** keine Angaben
· **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:**

· **LD/LC50 values that are relevant for classification:**		
100-51-6 benzyl alcohol		
Oral	LD50	1,200 mg/kg (ATE)
		1,230-1,620 mg/kg (rat)
Dermal	LD50	2,000 mg/kg (rabbit)
Inhalative	LC50/4h	>4,178 mg/l (rat) (OECD 403)
2855-13-2 3-aminomethyl-3,5,5-trimethylcyclohexylamine		
Oral	LD50	1,030 mg/kg (ATE)
1477-55-0 m-phenylenebis(methylamine)		
Oral	LD50	1,040 mg/kg (rat)
Inhalative	LC50/4h	2.4 mg/l (rat)
140-31-8 2-piperazin-1-ylethylamine		
Oral	LD50	2,140 mg/kg (rat)
Dermal	LD50	880 mg/kg (rabbit)
69-72-7 salicylic acid		
Oral	LD50	891 mg/kg (rat)
109-55-7 3-aminopropyldimethylamine		
Oral	LD50	1,870 mg/kg (rat)
Dermal	LD50	490 mg/kg (rabbit)

· **Primary irritant effect:**
· **on the skin:** Strong caustic effect on skin and mucous membranes.
· **on the eye:** Strong caustic effect.
· **Sensitization:**
No sensitizing effects known.

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 7)

Sensitization possible through skin contact.

· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Corrosive
Irritant
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**
None of the ingredients is listed.

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

· **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**	
100-51-6 benzyl alcohol	
EC50/48h	230 mg/l (Daphnia magna) (OECD 202)

· **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.
· **Ecotoxical effects:**
· **Remark:** Harmful to fish
· **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.
Must not reach bodies of water or drainage ditch undiluted or unneutralized.
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.
· **Other adverse effects** No further relevant information available.

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 8)

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**	UN2735
· **UN proper shipping name**	
· **DOT**	Amines, liquid, corrosive, n.o.s. (m-phenylenebis(methylamine), 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
· **ADR**	2735 AMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
· **IMDG, IATA**	AMINES, LIQUID, CORROSIVE, N.O.S. (m-phenylenebis(methylamine), 3-aminomethyl-3,5,5-trimethylcyclohexylamine)
· **Transport hazard class(es)**	
· **DOT**	



· **Class**	8 Corrosive substances
· **Label**	8
· **ADR, IMDG, IATA**	



· **Class**	8 Corrosive substances
· **Label**	8
· **Packing group**	
· **DOT, ADR, IMDG, IATA**	III
· **Environmental hazards:**	Not applicable.
· **Special precautions for user**	Warning: Corrosive substances
· **Hazard identification number (Kemler code):**	80
· **EMS Number:**	F-A,S-B
· **Segregation groups**	(SGG18) Alkalis
· **Stowage Category**	A

(Contd. on page 10)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 9)

· **Segregation Code**	SG35 Stow "separated from" SGG1-acids
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**	Not applicable.
· **Transport/Additional information:**	
· **ADR**	
· **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
· **Excepted quantities (EQ)**	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· **UN "Model Regulation":**	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (M-PHENYLENEBIS(METHYLAMINE), 3-AMINOMETHYL-3,5,5-TRIMETHYLCYCLOHEXYLAMINE), 8, III

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**
No further relevant information available.

· **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):**

100-51-6	benzyl alcohol	ACTIVE
2855-13-2	3-aminomethyl-3,5,5-trimethylcyclohexylamine	ACTIVE
1477-55-0	m-phenylenebis(methylamine)	ACTIVE
140-31-8	2-piperazin-1-ylethylamine	ACTIVE
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	ACTIVE
69-72-7	salicylic acid	ACTIVE
109-55-7	3-aminopropyldimethylamine	ACTIVE

· **Hazardous Air Pollutants**
None of the ingredients is 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.

(Contd. on page 11)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 10)

· **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**

· **EPA (Environmental Protection Agency)**
None of the ingredients is listed.

· **TLV (Threshold Limit Value)**
None of the ingredients is listed.

· **NIOSH-Ca (National 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**



GHS05 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
benzyl alcohol
3-aminomethyl-3,5,5-trimethylcyclohexylamine
m-phenylenebis(methylamine)
salicylic acid
4,4'-Isopropylidenediphenole, oligomeric reaction product with 1-Chloro-2,3-epoxypropane, reaction product with 3-Aminomethyl-3,5,5-trimethylcyclohexylamine
2-piperazin-1-ylethylamine
3-aminopropyldimethylamine

· **Hazard statements**

H227	Combustible liquid.
H302+H332	Harmful if swallowed or if inhaled.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H361	Suspected of damaging fertility or the unborn child.

· **Precautionary statements**

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from flames and hot surfaces. – No smoking.
P260	Do not breathe dusts or mists.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	If swallowed: Call a poison center/doctor if you feel unwell.

(Contd. on page 12)

Safety Data Sheet
acc. to OSHA HCS

Printing date 09/11/2025 Reviewed on 12/13/2023

Trade name: *Dr. Schutz EP Prime Comp. B*

(Contd. of page 11)

P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a poison center/doctor.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P321 Specific treatment (see on this label).
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/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:** Department for product development
· **Contact:**
· **Date of preparation / last revision** 09/11/2025 / -
· **Abbreviations and acronyms:**
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)
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
Flammable liquids 4: Flammable liquids – Category 4
Acute Toxicity - Oral 4: Acute toxicity – Category 4
Skin Corrosion 1B: Skin corrosion/irritation – Category 1B
Eye Damage 1: Serious eye damage/eye irritation – Category 1
Sensitization - Skin 1: Skin sensitisation – Category 1
Toxic to Reproduction 2: Reproductive toxicity – Category 2