



Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier 600137

· Trade name: Rust primer, gray E-COLL

Article number: 4317784305334, 4317784305310

· UFI: 1MGQ-YAET-GA0C-CKAR

· 1.2 Relevant identified uses of the substance or mixture and uses advised against

· Sector of Use

SU19 Building and construction work

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

- · Product category PC9a Coatings and paints, thinners, paint removers
- · Application of the substance / the mixture Anticorrosion additive
- · 1.3 Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

E/D/E - Einkaufsbuero Deutscher Eisenhaendler GmbH EDE Platz 1 D-42389 Wuppertal Germany

Tel. +49 202 6096-0 e-mail: sdb@ede.de

- · Further information obtainable from: Product safety department
- · 1.4 Emergency telephone number:

Poison Control Center Mainz - 24 hour emergency service - phone: +49 (0) 6131/19240

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3 H226 Flammable liquid and vapour.

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

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

· 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

(Contd. on page 2)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 1)

· Hazard pictograms







GHS02 GHS07 GHS09

· Signal word Warning

· Hazard-determining components of labelling:

Hydrocarbons, C9, aromatics

Reaction mass of ethylbenzene and xylene

· Hazard statements

H226 Flammable liquid and vapour.

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

H411 Toxic to aquatic life with long lasting effects.

· Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

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

P273 Avoid release to the environment.

P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.

P391 Collect spillage.

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.

· Additional information:

EUH208 Contains cobalt(II) 2-ethylhexanoate. May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

· 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

· Results of PBT and vPvB assessment

- · PBT: Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

(Contd. on page 3)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 2)

| | | onia. oi page 2 |
|--|---|-----------------|
| Dangerous components: | | |
| CAS: 64742-95-6 EC number: 918-668-5 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35 | Hydrocarbons, C9, aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336 EUH066 | >10-<20% |
| EC number: 905-588-0 Reg.nr.: 01-2119539452-40 02-2119752448216-32 | Reaction mass of ethylbenzene and 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. 2, H319; STOT SE 3, H335 | 2.5-10% |
| CAS: 7779-90-0 EINECS: 231-944-3 Index number: 030-011-00-6 Reg.nr.: 01-2119485044-40 | trizinc bis(orthophosphate) Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | >2.5-<5% |
| CAS: 1314-13-2 EINECS: 215-222-5 Index number: 030-013-00-7 Reg.nr.: 01-2119463881-32 | zinc oxide Aquatic Acute 1, H400; Aquatic Chronic 1, H410 | >2.5-<5% |
| CAS: 13939-25-8 EINECS: 237-714-9 | aluminium dihydrogen triphosphate © Eye Irrit. 2, H319 | <2.5% |
| CAS: 136-52-7 EINECS: 205-250-6 Reg.nr.: 01-2119450011-60 | cobalt(II) 2-ethylhexanoate Repr. 1B, H360 Aquatic Acute 1, H400 Eye Irrit. 2, H319; Skin Sens. 1A, H317 Aquatic Chronic 3, H412 | <0.1% |
| CAS: 34590-94-8 EINECS: 252-104-2 Reg.nr.: 01-2119450011-60-XXX | Dipropylene glycol monomethyl ether substance with a Community workplace exposure limit | <0.1% |
| · Non-hazardous components | | |
| CAS: 14807-96-6 Talc (Mg3H2(SiO3)4) EINECS: 238-877-9 | | |

· Additional information: For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Personal protection for the First Aider. Immediately remove any clothing soiled by the product.

· After inhalation:

Supply fresh air.

Seek medical treatment in case of complaints.

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

(Contd. on page 4)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 3)

· After skin contact:

Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.

· After eve contact:

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

· After swallowing:

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

· 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.
- · 5.3 Advice for firefighters
- · Protective equipment: Do not inhale explosion gases or combustion gases.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· 6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Prevent seepage into sewage system, workpits and cellars.

Do not allow to enter sewers/ surface or ground water.

· 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

(Contd. on page 5)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 4)

See Section 13 for disposal information.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- · Information about fire and explosion protection:



Keep ignition sources away - Do not smoke.

Protect from heat.

Protect against electrostatic charges.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles:

Store only in the original receptacle.

Provide floor trough without outlet.

- · Information about storage in one common storage facility: Store away from oxidising agents.
- · Further information about storage conditions: Keep container tightly sealed.
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters
- · Ingredients with limit values that require monitoring at the workplace:

CAS: 34590-94-8 Dipropylene glycol monomethyl ether

IOELV Long-term value: 308 mg/m³, 50 ppm

Skin

- · Additional information: The lists valid during the making were used as basis.
- · 8.2 Exposure controls
- · Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

(Contd. on page 6)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 5)

· Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation - filter A2

· Hand protection



· Material of gloves

Nitrile rubber, NBR

Penetration time (min.): 480 min

Recommended thickness of the material: ≥ 0.4 mm

· 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.

Not determined.

- · Eye/face protection Recommendation: safety glasses with side protection shield
- · Body protection: Use protective suit.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Colour: Grey
 Odour: Solvent-like
 Odour threshold: Not determined.
 Melting point/freezing point: Undetermined.

· Boiling point or initial boiling point and boiling

range >100 °C ⋅ Flammability Not applicable.

· Lower and upper explosion limit

Lower: Not determined.
Upper: Not determined.
Flash point: >24 °C

• Decomposition temperature: Not determined.

· Viscosity:

• Kinematic viscosity 2000 mm²/s

· Kinematic: 23 °C - 4 mm (ISO 2431)

• Dynamic: Not determined.

· Solubility

• water: Not miscible or difficult to mix.

Partition coefficient n-octanol/water (log value)
 Vapour pressure at 50 °C:
 Not determined.
 1,100 hPa

· Density and/or relative density

· Density at 20 °C: 1.38 g/cm³

(Contd. on page 7)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 6)

Relative densityVapour densityNot determined.Not determined.

· 9.2 Other information

· Appearance:

· Form: Fluid

· Important information on protection of health and environment, and on safety.

• **Ignition temperature:** Product is not selfigniting.

• Explosive properties: Product is not explosive. However, formation of

explosive air/vapour mixtures are possible.

Solvent separation test:

Organic solvents: 34.0 %
 VOC (EC) g/l 430.0 g/l

· Change in condition

· Drip point:

Oxidising propertiesEvaporation rateNot determined.Not determined.

· Information with regard to physical hazard

classes

Explosives Void
Flammable gases Void
Aerosols Void
Oxidising gases Void
Gases under pressure Void

• Flammable liquids Flammable liquid and vapour.

· Flammable solids Void · Self-reactive substances and mixtures Void · Pyrophoric liquids Void · Pyrophoric solids Void Self-heating substances and mixtures Void Substances and mixtures, which emit flammable gases in contact with water Void Oxidising liquids Void · Oxidising solids Void · Organic peroxides Void · Corrosive to metals Void · Desensitised explosives Void

SECTION 10: Stability and reactivity

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

No decomposition if used according to specifications.

(Contd. on page 8)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 7)

- 10.3 Possibility of hazardous reactions Reacts with acids, alkalis and oxidising agents.
- 10.4 Conditions to avoid No further relevant information available.
- · 10.5 Incompatible materials: No further relevant information available.
- · 10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Acute toxicity Based on available data, the classification criteria are not met.

| · LD/LC5 | · LD/LC50 values relevant for classification: | | | | | |
|---|---|----------------------|--|--|--|--|
| CAS: 64 | CAS: 64742-95-6 Hydrocarbons, C9, aromatics | | | | | |
| Oral | LD50 | >6,800 mg/kg (rat) | | | | |
| Dermal | LD50 | >3,400 mg/kg (rab) | | | | |
| Reaction mass of ethylbenzene and xylene | | | | | | |
| Oral | LD50 | 4,300 mg/kg (rat) | | | | |
| Dermal | LD50 | 2,000 mg/kg (rabbit) | | | | |
| CAS: 77 | CAS: 7779-90-0 trizinc bis(orthophosphate) | | | | | |
| Oral | LD50 | >5,000 mg/kg (rat) | | | | |
| CAS: 1314-13-2 zinc oxide | | | | | | |
| Oral | LD50 | >5,000 mg/kg (rat) | | | | |
| CAS: 34590-94-8 Dipropylene glycol monomethyl ether | | | | | | |
| Oral | LD50 | 5,135 mg/kg (rat) | | | | |
| Dermal | LD50 | >19,000 mg/kg (rab) | | | | |

- · Primary irritant effect:
- · Skin corrosion/irritation Based on available data, the classification criteria are not met.
- · Serious eye damage/irritation Based on available data, the classification criteria are not met.
- · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure

May cause respiratory irritation. May cause drowsiness or dizziness.

· STOT-repeated exposure Based on available data, the classification criteria are not met.

(Contd. on page 9)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 8)

- · Aspiration hazard Based on available data, the classification criteria are not met.
- · 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · vPvB: Not applicable.
- 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

- · 12.7 Other adverse effects
- · Remark: Harmful to fish
- · Additional ecological information:
- · General notes:

Harmful to aquatic organisms

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

Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

· 13.1 Waste treatment methods:

Containers can be recycled if completely empty; if not, dispose product/containers as dangerous waste. Observe local regulations.

· European waste catalogue

08 01 11* waste paint and varnish containing organic solvents or other dangerous substances

EU -





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 9)

SECTION 14: Transport information

· 14.1 UN number or ID number

· ADR, IMDG, IATA UN1263

· 14.2 UN proper shipping name

· ADR UN1263 PAINT, ENVIRONMENTALLY HAZARDOUS

· **IMDG**, **IATA** PAINT

· 14.3 Transport hazard class(es)

· ADR



· Class 3 (F1) Flammable liquids.

· Label 3

· IMDG





· Class 3 Flammable liquids.

· Label 3

·IATA



· Class 3 Flammable liquids.

· Label 3

· 14.4 Packing group

· ADR, IMDG, IATA

· 14.5 Environmental hazards:

· Marine pollutant: No

Symbol (fish and tree)
• Special marking (ADR):

Symbol (fish and tree)

• 14.6 Special precautions for user Warning: Flammable liquids.

· Hazard identification number (Kemler code): 30

• EMS Number: F-E,<u>S-E</u>

· Stowage Category A

(Contd. on page 11)





Version number 312 (replaces version 311) Revision: 03.02.2025 Printing date 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 10)

14.7 Maritime transport in bulk according to IMO

instruments Not applicable.

· Transport/Additional information:

· ADR

· 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

· Transport category · Tunnel restriction code D/E

· 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 1263 PAINT, 3, III, ENVIRONMENTALLY · UN "Model Regulation":

HAZARDOUS

SECTION 15: Regulatory information

- · 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms







· Signal word Warning

· Hazard-determining components of labelling:

Hydrocarbons, C9, aromatics

Reaction mass of ethylbenzene and xylene

· Hazard statements

Flammable liquid and vapour. H226

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

Toxic to aquatic life with long lasting effects. H411

· Precautionary statements

If medical advice is needed, have product container or label at hand. P101

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

smoking.

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

P273 Avoid release to the environment.

(Contd. on page 12)





Printing date 03.02.2025 Version number 312 (replaces version 311) Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 11)

P370+P378 In case of fire: Use CO2, powder or water spray to extinguish.

P391 Collect spillage.

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
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
- · Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment Annex II

None of the ingredients is listed.

- · REGULATION (EU) 2019/1148
- · Annex I RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

· Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

· Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

 Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

None of the ingredients is listed.

SECTION 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.

· Relevant phrases

| H226 | Flamma | ble lic | quid and | l vapour. |
|------|--------|---------|----------|-----------|
|------|--------|---------|----------|-----------|

- H304 May be fatal if swallowed and enters airways.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.
- H360 May damage fertility or the unborn child.
- H373 May cause damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

(Contd. on page 13)





Version number 312 (replaces version 311) Printing date 03.02.2025 Revision: 03.02.2025

Trade name: Rust primer, gray E-COLL

(Contd. of page 12)

EUH066 Repeated exposure may cause skin dryness or cracking.

· Department issuing SDS: Product safety department

· Contact:

Head of Product Safety Department

sdb@ede.de

· Date of previous version: 01.12.2020 · Version number of previous version: 311

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

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids - Category 3

Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1A: Skin sensitisation – Category 1A Repr. 1B: Reproductive toxicity – Category 1B

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

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard - Category 3

^{· *} Data compared to the previous version altered.