

SAFETY DATA SHEET

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC



Trade name: **PYROPLUG® Screed filler**

Version: 1 Date of issue/Latest revision: Date of issue: 09. 07. 2024 Page: 1/(12)
(Manufacturer) - / 02. 08. 2023 Date of revision:

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

1.1. Product identifier:

PYROPLUG® Screed filler

Article number / Type: 7202322 / FBA-SP

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

Relevant identified uses: sealing mass. Use by professional workers. Consumer use.

Uses advised against: application other than the above.

1.3. Details of the supplier of the safety data sheet:

Distributor Details:

OBO Bettermann Produktion Deutschland GmbH & Co. KG

Hüingsers Ring 52, 58710 Menden (Sauerland), Germany

Tel.: +49 2373 890

Fax: +49 2373 89238

E-mail: info@obo.de

Responsible for SDS:

OBO Bettermann Produktion Deutschland GmbH & Co. KG

Hüingsers Ring 52, 58710 Menden (Sauerland), Germany

Tel.: +49 2373 890

Fax: +49 2373 89238

E-mail: info@obo.de

1.4. Emergency telephone number

REACH Registration of Chemicals GmbH

Tel.: +49 (0)700 24112112 (OBO)

Tel.: +1 872 5888271 (OBO)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard Class and Category: Hazard statement:

Not classified.

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2.2. Label elements

Product identification: Trade name: **PYROPLUG® Screed filler**

Hazardous components: -

GHS Pictogram: not required

Signal word: not required

Hazard statement:

not required

Supplemental hazard information:

EUH208 Contains 1,2-benzizothiazol-3(2H)-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Precautionary statements – General:

-

Precautionary statements – Prevention:

-

Precautionary statements – Response:

-

Precautionary statements – Storage:

-

Precautionary statements – Disposal:

-

Other liabilities for labelling:

Tactile Warning of danger and child-resistant fastening: required for retail distribution.

Transport classification: see section 14.

2.3. Other hazards

The product does not contain any PBT or vPvB substance according to annex XIII of regulation (EC) 1907/2006, at a concentration of 0.1% or more.

The product does not contain any substance with endocrine disrupting properties, at a concentration of 0.1% or more.

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical description: Mixture of acrylate and halogen-free additives.

Component(s) / Hazardous component(s):

Name	EC number	CAS number	Hazard classes and cat.	Hazard statements	Conc. % (m/m)
Diiron trioxide* REACH Registr. Nr.: 01-2119457614-35	215-168-2	1309-37-1	-	-	<3
Pigment Black 11 REACH Registr. Nr.: 01-2119457646-28	215-277-5	1317-61-9	-	-	<3
Melamine** REACH Registr. Nr.: no data	203-615-4	108-78-1	Carc. 2 Repr. 2 STOT RE 2	H351 H361f H373	<0.3
1,2-benzothiazol-3(2H)-one*** REACH Registr. Nr.: 01-2120761540-60	220-120-9	2634-33-5	Acute Tox. 4 Skin Irrit. 2 Skin Sens. 1A Eye Dam. 1 Acute Tox. 2 Aquatic Acute 1 Aquatic Chronic 1	H302 H315 H317 H318 H330 H400 (M=1) H410 (M=1)	<0.036

*with exposure limit

** SVHC candidate list

***Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.036 %
Inhalation (dust/mist): ATE 0,21 mg/l; Oral: ATE = 450 mg/kg

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never induce vomiting.

Inhalation: Remove the affected person to fresh air. If rapid recovery does not occur, obtain medical attention.

Skin contact: Wash skin with large amounts of water, use soap. In case of persistent irritation, get medical attention.

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Eye contact: Flush eyes with plenty of water for 10-15 minutes. In case of persistent irritation, get medical attention.

Ingestion: Rinse mouth thoroughly with water. DO NOT induce vomiting. Get prompt medical attention.

Protection of first-aid person: No data.

4.2. Most important symptoms and effects, both acute and delayed
May produce an allergic reaction.

4.3. Indication of any immediate medical attention and special treatment needed
Symptomatic treatment.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Dry chemical powder, foam, carbon dioxide, water spray.

Unsuitable extinguishing media:

According to the burning environment.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

On burning, carbon dioxide, carbon monoxide, ammonia, phosphorus oxides and other toxic fumes / gases can be formed.

5.3. Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. Respiratory protection.

Further information:

In case of fire, keep containers cool with water spray.

Collect contaminated firefighting water separately. It must not enter the sewage system.

Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: see Section 8.

Keep persons not involved in rescue at a distance.

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Avoid contact with skin, clothing and eyes, inhalation of vapours.
Sufficient ventilation should be provided.

6.2. Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil
Notify relevant authority.

6.3. Methods and material for containment and cleaning up

Recover free liquid by pumping. Contain the rest or small quantities with non-combustible liquid-absorbent material (sand, non-combustible liquid binder). Place in properly labelled closed container. Dispose of according to local regulations.

6.4. Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep general measures applied for normal operations with liquid chemicals.

Adequate ventilation must be provided.

Avoid contact with skin and eyes. Avoid prolonged breathing of vapours.

An eyewash station should be available at the work site.

Wash hands before breaks and at end of work.

Take off contaminated clothing and wash it before reuse.

When using do not eat, drink or smoke. Avoid splashing the product.

Handling temperature: no data.

7.2. Conditions for safe storage, including any incompatibilities

Storage facilities must comply with regulations for storing of liquid chemicals.

Store in dry, cool well-ventilated place in original, closed containers. Keep away from direct sunshine, direct heat or ignition sources.

Keep away from food, drink and feed.

Storage stability: 12 months (23°C)

Storage temperature: 10 – 35°C

7.3. Specific end use(s)

Sealing mass.

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SECTION 8: Exposure controls / personal protection

8.1. Control parameters:

Substance	CAS number	Occupational Exposure Limit Value (8-hour reference period)		Occupational Exposure Limit Value (15-minute reference period)		Notes
		ppm	mg/m ³	ppm	mg/m ³	
<i>Iron oxide, fume (as Fe)</i>	1309-37-1	-	5	-	10	-

8.2. Exposure controls

Engineering control measures:

Adequate ventilation (general or local exhaust).

Personal protection:

- (a) Eye/face protection Tightly fitting safety goggles (EN 166).
- (b) Skin protection
 - (i) Hand protection Protective gloves (EN 374).
Note: Manufacturer's directions for use and the conditions of application should be observed.
 - (ii) Other Protective clothing.
- (c) Respiratory protection Under normal conditions not required. In case of exceeded exposure-limits respiratory protection with particle-filter is recommended (filter type A2-P2, EN 14387).
- (d) Thermal hazards No data.

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- a) Physical state: liquid (paste)
- b) Colour: reddish brown
- c) Odour: odourless
- d) Melting point/freezing point (Pour point): not available
- e) Boiling point or initial boiling point and boiling range: not available
- f) Flammability: not available
- g) Lower and upper explosion limit: not available

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h) Flash point:	not available
i) Auto-ignition temperature:	not available
j) Decomposition temperature:	not available
k) pH (solution in 10% water):	not available
l) Kinematic viscosity	
at 40°C:	not available
at 100°C:	not available
m) Solubility	
Solubility in water:	not available
Solubility in other solvents:	not available
n) Partition coefficient n-octanol/water (log value):	not available
o) Vapour pressure at 20°C:	not available
p) Density and/or relative density at 20°C:	1.30 – 1.45 g/cm ³
q) Relative vapour density:	not available
r) Particle characteristics:	not available

9.2. Other information
not available

SECTION 10: Stability and reactivity

10.1. Reactivity	Dangerous reactivity not known.
10.2. Chemical stability	No decomposition if stored and handled properly.
10.3. Possibility of hazardous reactions	Not known.
10.4. Conditions to avoid	Moisture, heat.
10.5. Incompatible materials	Water.
10.6. Hazardous decomposition products	No dangerous decomposition products are formed under normal conditions. Hazardous combustion products: See Section 5.

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.

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

11.2. Information on other hazards

The product does not contain any substance with endocrine disrupting properties, at a concentration of 0.1% or more.

SECTION 12: Ecological information

12.1. Toxicity	No data available.
12.2. Persistence and degradability	No data available.
12.3. Bioaccumulative potential	No data available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	Does not contain PBT and vPvB substances, at a concentration of 0.1% or more.
12.6. Endocrine disrupting properties	The product does not contain any substance with endocrine disrupting properties, at a concentration of 0.1% or more.
12.7. Other adverse effects	Large spills may be hazardous to the environment.
Water hazard class (German):	WGK 1 (Classification by AwSV)

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product disposal:
Wastes of the product or used oil should be treated as hazardous waste.
Waste Identification Code: 08 04 10
Waste adhesives and sealants other than those mentioned in 08 04 09.

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Disposal must be in compliance with national and local regulations.

Packaging disposal:

Containers with product residue should also be treated according to national and local disposal regulations.

Waste Identification Code: 15 01 02

Plastic packaging.

Disposal must be in compliance with national and local regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

SECTION 14: Transport information

Land transport:

Road/ Railway ADR/RID: Not classified.

- | | |
|---|-----------------|
| 14.1. UN number or ID number: | Not classified. |
| 14.2. UN proper shipping name: | Not classified. |
| 14.3. Transport hazard class(es): | Not classified. |
| 14.4. Packing group: | Not classified. |
| 14.5. Environmental hazards: | Not classified. |
| 14.6. Special precautions for user: | Not classified. |
| 14.7. Maritime transport in bulk according to IMO instruments | Not applicable |

Waterways:

Inland waterways/ Sea transport ADN/IMDG: Not apply to the product.

Air transport: ICAO / IATA: Not apply to the product.

SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2020/878/EU) and to Regulation (EC) 1272/2008.
Seveso category: not classified.

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The product contains SVHC substance: Melamine (CAS: 108-78-1)

15.2. Chemical safety assessment.
not available

SECTION 16: Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 (CLP)

Not classified.

The full text of each relevant H- phrase and Hazard classes and cat. in Section 3.:

H302

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H318

Causes serious eye damage.

H330

Fatal if inhaled.

H351

Suspected of causing cancer.

H361f

Suspected of damaging fertility.

H373

May cause damage to organs through prolonged or repeated exposure through prolonged or repeated exposure.

H400

Very toxic to aquatic life.

H410

Very toxic to aquatic life with long lasting effects.

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Acute Tox. 4	Acute toxicity Category 4
Acute Tox. 2	Acute toxicity Category 2
Skin Irrit. 2	Skin corrosion/irritation Category 2
Skin Sens. 1A	Respiratory/skin sensitization Category 1A
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Carc. 2	Carcinogenicity Category 2
Repr. 2	Reproductive toxicity Category 2
STOT RE 2	Specific target organ toxicity – repeated exposure Category 2
Aquatic Acute 1	Hazardous to the aquatic environment, Acute Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, Chronic Category 1

Legend:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration Factor
BOD	Biological Oxygen Demand
Bw	Body Weight
C&L	Classification and Labelling
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic or toxic to Reproduction
COD	Chemical Oxygen Demand
CSA	Chemical Safety Assessment
CSR	Chemical Safety Report
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
ECHA	European Chemicals Agency
Ec _x	Effective Concentration x%
ErC ₅₀	EC ₅₀ in terms of reduction of growth rate
Ed _x	Effective Dose x%
EC	European Community
EC number	European Community number
ELINCS	European List of Notified Chemical Substances
ES	Exposure Scenario
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods

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LCx	Lethal Concentration x%
LDx	Lethal Dose x%
LOAEC	Lowest Observed Adverse Effect Concentration
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest Observed Effect Level
NOEC	No observed effect concentration
NOEL	No observed effect level
NLP	No-Longer Polymer
NOAEL	No Observed Adverse Effect Level
OECD	Organisation for Economic Cooperation and Development
PBT	Persistent Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
ppm	parts/million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International carriage of Dangerous Goods by Rail
SVHC	Substance of Very High Concern
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bio-accumulative

Revision Indicators:

Section	Subject of change	Date	Version