



SAFETY DATA SHEET **POLYROOF SERIES**

According to Regulation (EU) No 2015/830

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name POLYROOF SERIES
Product no POLİROOF PR 4500 M / POLİROOF SA 4500 M

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

Identified uses Professional use.
Used as top layer or single layer to waterproof terraces and roofs.

1.3. Details of the supplier of the safety data sheet

Supplier/Manufacturer BTM Bitümlü Tecrit Maddeleri San. ve Tic A.Ş.
Kemalpaşa Org.San.Blg.Mah. Gazi Blv.No:152
PK:35730 Kemalpaşa İzmir-Turkey
Tel: +90 (232) 877 04 02
Fax: +90 (232) 877 04 10
www.btm.co

Contact Person Işıl TEZEL - Department of AR & GE

1.4. Emergency telephone number

BTM: +90 232 877 0402 – 224 (office hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008) Not classified.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No labelling required. Not classified.

Hazard Statements

Not classified.

Precautionary Statements

Not classified.

2.3. Other hazards

There is a no another predicted hazard.
This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

This product does not contain any substance which may be considered hazardous to the health and environment, according to the current legislation (1272/2008).
It contains Quartz (SiO₂). See section 8 for exposure limits.

Composition Comments

- The data shown are in accordance with the latest EC Directives.



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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Immediate medical attention is not required. No special requirements.

Ingestion

Swallowing is not a possibility.

Skin contact

Immediate medical attention is not required. Wash the skin with water. Get medical attention if any discomfort continues.

Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues.

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

Inhalation : No special symptoms.

Ingestion : No special symptoms.

Skin contact : Dryness.

Eye contact : Redness.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media : Foam, carbon dioxide, water spray, dry powder.

Unsuitable extinguishing media : No data available.

5.2. Special hazards arising from the substance or mixture

Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Move container from fire area if it can be done without risk.

If possible, fight fire from protected position.

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with eyes.

6.2. Environmental precautions

No special requirements. Should not be released into the environment.

6.3. Methods and material for containment and cleaning up

Use it again if possible. Collect in containers and seal securely. Label containers appropriately.

Remove containers and flush area with water.



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6.4. Reference to other sections

For personal protection, see section 8.
See section 11 for additional information on health hazards.
For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Avoid contact with eyes.
Read and follow manufacturer's recommendations. Protect against direct sunlight. If it is assembled with hot process, do not breath vapour / gas / dust. If necessary, wear respiratory protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.
Keep away from food, drink and animal feeding stuffs. Protect from light, including direct sunrays.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

WEL: 10 mg/m³ + 0.025 mg/m³ / (% SiO₂) – resp.
REL: 0.05 mg/m³ – resp.

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapour/dust.

Respiratory equipment

Not necessary under normal conditions. If it is assembled with hot process, do not breath vapour / gas / dust. If necessary, wear respiratory protective equipment.

Hand protection

Use protective gloves made of: Rubber, neoprene or PVC. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.
Use fire-resistant gloves for hot process.

Eye protection

Wear chemical resistant safety goggles where there is danger of eye contact.

Hygiene measures

Wash hands after contact. Change work clothing daily before leaving work place.
Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

Skin protection

Wear protective clothing.

Environmental Exposure Controls

Please act in accordance with local and national laws.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Solid. (Rolled sheet).
Colour	Black.
Odour	Odourless.
Solubility	Insoluble in water.
Boiling Point	Not applicable.
Flash Point	Not applicable.
Melting point	min.140°C
Evaporation rate	Not applicable.
Vapor Density	Not applicable.
Density	Not applicable.
pH-Value	Not applicable.
Flammability (solid, gas)	No data available.
Decomposition temperature	No data available.
Partition coefficient	No data available.
Viscosity	Not applicable.
Auto Ignition Temperature(°C)	No data available.

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Polymerization does not occur.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

No incompatible groups noted.

10.6. Hazardous decomposition products

None under normal conditions. During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin corrosion / irritation

Negative effects are not expected.

Serious eye damage / irritation

Negative effects are not expected.



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Respiratory or skin sensitisation

Adverse effects are not expected.

Carcinogenicity

No data available.

Reproduction Toxicity

No data available.

STOT - single exposure

No data available.

STOT - repeated exposure

No data available.

Aspiration toxicity

Not applicable.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

The product is not classified as environmentally hazardous. The product is estimated to be low ecological toxicity due to the product is solid and insoluble in water.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Insoluble in water.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Should not be released to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.
Environmental manager must be informed of all major spillages. Recommended that product waste be recycled.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels

No transport warning sign required.



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14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

See the cosmetic product safety assessment.

SECTION 16: OTHER INFORMATION

Revision Comments

This is first issue.

Hazard Statements In Full

Not applicable.

Issued By

Bülent Özdemir / CRAD

www.crad.com.tr gbf@crad.com.tr

Issued Note

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