

MATERIAL SAFETY DATA SHEET

ERYAP GRUP YALITIM MALZEMELERİ SAN. VE TİC. A.Ş

Product Name: Bonus

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1. Product and Company Description**Product Name** Bonus Membrane**Product Use:** Waterproofing**Company Information:**

Eryap Grup Yalıtım Malzemeleri San. ve Tic. A.Ş

Kavaklı Mah. 5006 Sokak No:15

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Head Office :+90 216-328-5454**Telephone** :+90 212-723-5599**Fax** :+90 212 723-5999**Email address :** info@eryapgrup.com.tr**2. Information Regarding Composition / Components**

Hazardous Chemicals Regulation and substances harmful to health and the environment according to European Union Directive 67/548/EEC:

Components	CAS-no	EINECs-no	Content	Symbol	R-sentence
Non-Hazardous Substances	-	-	100%	-	-
	-	-		-	-
	-	-		-	-

Additional Warnings: The components of this preparation are classified according to European Union Directives and have no risk phrases (R).

3. Potential Hazards

Symptoms related to usage:

Inhalation: The product poses no risk to the respiratory system. Do not inhale the fumes if the material is melted at high temperatures.

Contact with Skin: There is no danger in the product coming into contact with the skin. When melted with a soldering lamp, the molten material may cause burns if it comes into contact with the skin.

Contact with Eyes: The product has no harmful effect on the eyes. When applying with a torch, fumes from the melted material may irritate the eyes.

Environmental Impacts: The product is not harmful to the environment.

4. First Aid Measures

After Inhalation: Avoid inhaling the smoke as much as possible. The person who inhaled it should rest in a well-ventilated area.

After Contact with Skin: There are no known effects upon contact with skin. Wash thoroughly with soap and water.

After Contact with Eyes: There are no known effects upon contact with eyes. Rinse thoroughly with plenty of water.

After Swallowing: If you feel unwell, call a poison control center or a doctor.

General Warnings: Medical attention should be sought in any suspicious situation or when symptoms appear.

5. Fire Fighting Measures

Suitable Extinguishing Agents: Dry chemical, carbon dioxide, water spray, or foam are recommended.

Special Protective Equipment: Fires produce dense, black smoke that is harmful to health. Full protective clothing and self-contained breathing apparatus are required.

Risk of Vulnerability: Contaminated water from fire hoses or spray nozzles, etc., must be kept away from wells and groundwater. Adequate measures must be taken to collect water used for extinguishing fires. Contaminated water and soil must be disposed of according to local regulations.

Additional Information: There are no extinguishing agents that are unsuitable from a safety perspective.

6. Measures Against Accidental Release

Personal Precautions: Do not inhale the smoke. Keep away from ignition sources.

Environmental Precautions: Prevent debris from the fire from entering surface water, sewage systems, or groundwater.

7. Handling and Storage

Warnings for safe application: Membrane application should be performed by individuals who have received adequate training on accidents that may occur as a result of transportation, cutting tools, flame sources, and the use of liquefied propane gas. It is recommended to wear long-sleeved work clothes made of non-synthetic fabric, long pants, and boots; gloves, a helmet, and protective eyewear should also be worn.

Fire Safety Warnings: Handle the product with care around flammable materials.

Storage Conditions: Materials should be stored on a flat surface in a closed area. Protect from sunlight. Do not smoke in the storage area. Store in rolls or shrink-wrapped pallets upright in a cool, dry area. Prohibit entry to this area except for authorized personnel.

8. Contact Control and Personal Protection

Eye Protection: The bituminous mixture fumes and burnt propane gas fumes released during application may cause eye irritation. Appropriate protective eyewear or face shields should be used.

Hand Protection: Protective gloves should be worn to prevent burns in case of contact with molten membrane.

Skin and Body Protection: Long-sleeved shirts, long pants or overalls, and boots should be worn.

Respiratory Protection: Use respiratory protection if the procedure is to be performed in enclosed spaces with inadequate local ventilation and in unprotected areas. Avoid inhaling smoke.

9. Physical and Chemical Properties:

Color: Black / Rolled up and coated with black and blue PE film.

Odor: Bitumen / Petroleum odor

Appearance: Solid and rolled

Melting point: > 230°C

Flash point: > 220°C

Unit Volume Weight: Varies depending on the thickness of the product.

Water content: Contains no water.

Min. Density: 1,1 g/cm³

Solubility in water: Insoluble in water.

Spontaneous Flammability: There is no spontaneous flammability.

Explosion Hazard: There is no risk of spontaneous explosion.

10. Stability and Reactivity

Physical Deterioration: Deformation and tearing may occur.

Conditions to Avoid: It is stable under appropriate storage and usage conditions.

Materials to Avoid: Protect from organic solvents, acids, and oxidizing agents. It can cause an exothermic reaction.

Technical Protection: No special precautions are required.

11. Toxicological Information

Due to its composition, the product can be considered harmless.

Its primary irritant effect is not found on the skin or eyes.

No findings have been made regarding this product. For use at high temperatures.

The health risks listed in Section 3, "Identification of Hazards," may be at dangerous levels.

12. Ecological Information

No evidence of ecotoxic effects has been found. The product is solid and insoluble in water, therefore it has no ecological implications. Its toxicity may be low. Furthermore, the product has no known environmental impact.

13. Disposal Instructions

Scrap waste must be disposed of in accordance with local regulations. No special precautions are required. Regulations specified in national legislation must be followed. It is not classified as hazardous waste. It can be stored in regular storage areas.

Additionally, paper and PE packaging must be delivered to licensed authorized institutions for recycling in accordance with applicable laws and regulations.

14. Shipping Information

It is not classified as a dangerous goods substance according to the Transport Regulations (ADR/RID, ADNR, IMDG, ICAO/IATA).

15. Knowledge of Legislation

It is not classified according to EU Directives 67/548/EEC (Hazardous substances) and 1999/45/EC (Hazardous preparations).

16. Other Information

The information in this form has been prepared as a requirement of the Chemical Substances Regulations. It should not be used for purposes other than those stated in this form. Since the specific conditions of product use are beyond the manufacturer's control, the consumer is responsible for ensuring compliance with relevant legislation. The information in this safety data sheet is based on current national legislation and provides guidance regarding health, safety, and the environment. It does not guarantee technical performance or suitability for specific situations. For further information, please contact the manufacturer. (The address is given on the first page of this document.)

Dictionary:

Cas-no: Chemical Theories Service (CAS) index number

EINECs-no: European Inventory of Existing Commercial Chemicals. It is a list containing all chemicals referred to as "existing chemicals"

ADR/RID: Road transport (international agreement concerning the carriage of dangerous goods by road and rail – cross-border/ domestic)

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

IMDG: Maritime Transport by Sea (International Maritime - Dangerous Goods)