

MATERIAL SAFETY DATA SHEET

Product Name : ALÜTEC®

Date Print

: 01.07.2004

Revision Date

: -

Form No : 1

Page No : 1 / 4

1 . Manufacturer Identification :

1.1. ALÜTEC®

1.2. ALÜTEC® is a single component UV-protecting Asphalt-Aluminium based reflecting paint. After application Alütec becomes a light reflective finish assists in keeping the roof cool and protects the waterproofing treatment against the effects of sunlight, which causes oxidation of asphalt coating thereby limiting its life.

1.3. EMÜLZER ASFALTEVİ VE TECRİT MAD.SAN.TİC.LTD.ŞTİ

Cebeci cad. No : 73 Küçükköy / İSTANBUL

Tel : (0 212) 537 25 00 pbx

Fax : (0 212) 617 23 80

1.4. Emergency Call Number :

Tel : (0 212) 537 25 00 pbx

2 . Ingredient Information :

Ingredient	CAS No	%	Risk
Asfalt	8052-42-4	60-70	Not classified as hazardous
Aluminyum Powder	7429-90-5	< 1	R43, R52/53
Aliphatic Hydrocarbon	64771-72-8	< 5	R42/43, R52/53

3. Health Hazard Information :

Combustible materials. Remove sources of ignition.

- Skin Contact : The material will cause minor skin irritation. Drying of skin or defatting effect, and reddening, may occur following prolonged exposures.
- Eye Contact : The material will cause minor eye irritation. Signs and symptoms may include, pain, tears, swelling, redness and blurred vision.
- Inhalation : Asphalt fumes are irritation of upper respiratory tract, coughing, and congestion may occur in extreme exposures.
- Ingestion : Ingestion of this product is not likely to occur under normal conditions of use. No additional information available.

4. First Aid :

- Eye Contact : Flush eyes, including under eyelids, with running water for at least fifteen minutes. Get medical attention.
- Skin Contact : Flush exposed area with water while removing contaminated clothing. Get medical attention if irritation persists.
- Inhalation : Move the person to fresh air. Apply artificial respiration. Call a doctor.
- Ingestion : Unlikely, if occurs give person milk or water. Keep head below the waist. Contact a physician or Poison Control Center. Never give anything by mouth to a person who is unconscious or having convulsions.

MATERIAL SAFETY DATA SHEET

Product Name : ALÜTEC®

Date Print : 01.07.2004

Revision Date : -

Form No : 1

Page No : 2 / 4

5. Fire and Explosion Data :

- Extinguishing Media : Dry chemical, foam, CO₂
- Hazardous Decomposition Products : Carbon Monoxide and Carbon Dioxide.
- Special Fire Fighting Producers : If entering a confined area, fire fighters should wear a NIOSH approved self-contained breathing apparatus.

6. Spill or Leak Producers :

Dike or contain spill with floor dry, sand, etc. pump liquid to containers or storage vessel. soak up residue with absorbent material. Scoop contaminated absorbent and diking material into containers for disposal.

Waste Disposal Method: Recovered materials may be blended with aggregate and used for patching or other maintenance use. Other wastes should be disposed of according to federal, state, and local regulations.

7. Special Precautions or Other :

- Do not allow to freeze.
- Combustible materials. Remove sources of ignition.
- Protect container from physical damage and heat.

8. Special Protection Information :

- Wear protective gloves and safety glasses to prevent contact with the skin and eyes. If repeated or prolonged contact with liquid is likely, wear protective clothing including boots, apron, and faceshield or splash goggles. Remove contaminated clothing immediately and do not reuse until it has been properly laundered.
- Eye wash stations and safety showers should be available in use and handling areas. Contact lenses pose a special hazard; soft lenses may absorb and all lenses concentrate irritants.

9. Physical Data :

9.1. Description :

Black liquid with organic odor.

9.2.

Solid Content : 29%.

Specific Gravity : 0,90 gr / cm³ .

10. Reactivity Data :

This material is stable in closed containers at room temperature under normal storage and handling conditions. It does not polymerize. It is incompatible with strong oxidizing agents. Decomposition products can include carbon monoxide, carbon dioxide, and /or low molecular weight hydrocarbons.

MATERIAL SAFETY DATA SHEET

Product Name : ALÜTEC®

Date Print

: 01.07.2004

Revision Date

: -

Form No : 1

Page No : 3 / 4

11. Health Hazard Data :

- Eyes: Irritation
- Skin: Mild irritation. repeated or prolonged contact can cause dry scaly dermatitis.
- Breathing: Respiratory irritation, nausea, dizziness, and headache.
- Swallowing: Stomach irritation, nausea, and vomiting.
- Inhalation health risks and symptoms of exposure N/A
- Ingestion health risks and symptoms of exposure N/A
- Skin absorption health risks and symptoms of exposure
- Prolonged or repeated contact with this product may cause skin irritation and dermatitis.

12. Ecological Information :

No specific data on this product. May cause mechanical damage to aquatic organisms. The mineral spirit component is expected to volatilize in the environment and to be moderately toxic to both freshwater and marine organisms. The bioaccumulation potential is unknown.

13. Disposal Considerations :

Disposal Method: Dispose of the dried material in a safe manner in accordance with federal, state, and local regulations. Do not dispose of by means of sinks, drains, or in the immediate environment. Empty drums should be completely drained, properly bunged, and returned to a drum reconditioner. Drill a hole in the bottom of empty pails to prevent drowning of small children.

14. Transport Information :

Road transport ADR:

Not classified

Railroad transport RID:

Not classified

Inland water transport ADN:

Not classified

Marine transport IMDG:

Not classified

Air transport IATA:

Not classified

Not restricted under IATA regulations.

15. Regulatory Information :

Risk and Safety Statements:

52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

- Safety Phrases:

S 2: Keep out of reach of children

S 3: Keep in a cool place

S 7: Keep container tightly closed

S 15: Keep away from heat

S 24/25: Avoid contact with skin and eyes

MATERIAL SAFETY DATA SHEET

Product Name : ALÜTEC®

Date Print

: 01.07.2004

Revision Date

: -

Form No : 1

Page No : 4 / 4

16. Other Information :

This information is provided in good faith and correct to the best of **Emülzer Asfaltevi** knowledge as of the date here of; however, **Emülzer Asfaltevi** makes no representation as to its completeness or accuracy. Customers are encouraged to make their own determination as to the suitability of this product for their purpose prior to use. Emülzer Asfaltevi, Inc. disclaims responsibility to damages of any kind resulting from the use of this information.

The information and recommendations contained herein are to the best of **Emülzer Asfaltevi'** s knowledge and belief, accurate and reliable as of the date issued. **Emülzer Asfaltevi** does not warrant or guarantee their accuracy or reliability, and **Emülzer Asfaltevi** shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.