



MATERIAL SAFETY DATA SHEET (MSDS)

Bitumen Primer D41 (Solvent-Based Cutback Asphalt Primer)

Prepared for: Basekim

SECTION 1 — IDENTIFICATION

Product Name: Bitumen Primer D41

Other Names: Cutback Asphalt Primer, Solvent-Based Bitumen Primer

Recommended Use: Surface priming for roofing, waterproofing, concrete, metal, wood, and asphalt substrates.

Manufacturer/Supplier: Basekim

SECTION 2 — HAZARD IDENTIFICATION

Classification (GHS):

- Not classified as hazardous according to GHS.

Signal Word: No signal word.

Hazard Statements:

- .No known significant hazards under normal conditions of use.

Precautionary Statements:

- Follow normal industrial hygiene and handling practices.

SECTION 3 — COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Approx. %
Asphalt (bitumen)	8052-42-4	60–70%
Mineral Spirits	64742-88-7	20–30%
p-Bromobenzotrifluoride / Modified Solvents	98-56-6	5–10%
Additives / Adhesion Promoters	Proprietary	<2%

No components listed as carcinogenic by IARC, NTP, or OSHA.



SECTION 4 — FIRST AID MEASURES

Inhalation:

Move to fresh air. Keep the victim warm and at rest. If breathing is difficult, seek medical attention.

Skin Contact:

Wash affected area with soap and water. Remove contaminated clothing. Seek medical help if irritation persists.

Eye Contact:

Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice if irritation continues.

Ingestion:

DO NOT induce vomiting—may cause aspiration into lungs. Seek immediate medical attention.

Most Important Symptoms:

- Dizziness, drowsiness
- Headaches due to solvent inhalation
- Skin dryness or cracking
- Eye irritation

SECTION 5 — FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

- Dry chemical
- CO₂
- Foam
- Water fog (never a direct stream)

Fire Hazards:

- No unusual fire or explosion hazard identified.

Special Protective Equipment:

- Full protective gear
- Self-contained breathing apparatus (SCBA)

SECTION 6 — ACCIDENTAL RELEASE MEASURES

- Prevent unnecessary release and clean up using appropriate absorbent materials.

SECTION 7 — HANDLING AND STORAGE

Handling:



- Use with adequate ventilation.
- Avoid contact with skin and eyes.
- Handle in accordance with good industrial practice.

Storage:

- Store in cool, dry, well-ventilated place.
- Recommended storage temperature: 5°C – 45°C
- Keep away from oxidizers.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:

- Use local exhaust ventilation.
- General ventilation is normally sufficient.

Personal Protective Equipment (PPE):

Respiratory Protection:

Organic vapor cartridge respirator if ventilation is inadequate.

Skin Protection:

Nitrile or neoprene gloves; protective clothing.

Eye Protection:

Safety goggles or face shield.

Hygiene Measures:

Wash hands after handling. Remove contaminated clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Black liquid
Odor	Hydrocarbon
Density	0.85 – 0.95 g/cm ³
Viscosity	50–150 cP
Flash Point	≥ 38°C (100°F)
VOC Content	≤ 200 g/L



Solubility Insoluble in water

Boiling Range 150–200°C

Drying Time 1–5 minutes

SECTION 10 — STABILITY AND REACTIVITY

Stable under normal storage and handling.

- Avoid incompatible materials and excessive temperatures, if applicable

Hazardous Decomposition Products:

- Carbon monoxide
- Carbon dioxide
- Hydrocarbon fumes

SECTION 11 — TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

- Inhalation
- Skin contact
- Eye contact

Potential Effects:

- Skin dryness, irritation
- Dizziness, headaches
- Eye irritation

Chronic Exposure:

Long-term inhalation of solvent vapors may affect the nervous system.

Product is not considered carcinogenic.

SECTION 12 — ECOLOGICAL INFORMATION

- Harmful to aquatic life.
- Avoid release to water bodies.
- Not readily biodegradable.
- Mobile in soil due to solvents.

SECTION 13 — DISPOSAL CONSIDERATIONS

- Dispose of waste through licensed facilities.
- Do not release into drains.



- Empty containers may contain residue—handled as hazardous waste.

SECTION 14 — TRANSPORT INFORMATION

UN Number: Not regulated

Proper Shipping Name: Not regulated as dangerous goods

Hazard Class: Not applicable

Packing Group: Not applicable

Environmental Hazards: None known

Special Precautions: Transport in tightly closed containers to prevent contamination and leakage.

SECTION 15 — REGULATORY INFORMATION

This Safety Data Sheet has been prepared in accordance with the Globally Harmonized System (GHS) and applicable occupational health and safety regulations.

Applicable Regulations:

- GHS (Globally Harmonized System of Classification and Labelling of Chemicals)
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- REACH Regulation (EC) No. 1907/2006 (where applicable)
- CLP Regulation (EC) No. 1272/2008 (where applicable)

The product is not classified as hazardous under GHS when handled and used as intended.

SECTION 16 — OTHER INFORMATION

Prepared by: Basekim Technical Department

Revision Date: 2026

This MSDS is based on current knowledge and applies to the product as delivered. Users are responsible for ensuring safe handling conditions that meet local regulations.