

**MATERIAL SAFETY DATA SHEET (MSDS)****Bitumen Primer D41 (Solvent-Based)****SECTION 1 – Identification****Product Name:** Bitumen Primer D41**Product Type:** Solvent-based bituminous primer**Recommended Use:** Primer for concrete, metal, masonry, wood, asphalt, and roofing membranes before waterproofing applications.**SECTION 2 – Hazard Identification****GHS Classification**

- Flammable Liquid – Category 3
- Skin Irritation – Category 2
- Eye Irritation – Category 2B
- STOT Single Exposure – Category 3
- Aspiration Hazard – Category 1

Signal Word: DANGER**Hazard Statements**

- Highly flammable liquid and vapor.
- Causes skin and eye irritation.
- May cause drowsiness or dizziness.
- May be fatal if swallowed and enters airways.
- Harmful to aquatic life with long-lasting effects.

SECTION 3 – Composition

Component	CAS No.	Content
White Spirit (Hydrocarbon Solvent)	64742-82-1	60–70%
Bitumen	64742-93-4	30–40%

SECTION 4 – First Aid Measures**Eye Contact**

- Flush with clean water for at least 15 minutes.
- Seek medical attention if irritation persists.

Skin Contact

- Wash with soap and water.
- Remove contaminated clothing.

Inhalation

- Move to fresh air.
- Obtain medical attention if symptoms continue.

Ingestion

- Do NOT induce vomiting.
- Seek immediate medical attention.

**SECTION 5 – Fire Fighting Measures****Suitable Extinguishing Media**

- Foam
- Dry chemical powder
- Carbon dioxide (CO₂)

Unsuitable

- Direct water jet

Hazards

- Burning produces carbon monoxide and carbon dioxide.

SECTION 6 – Accidental Release

- Eliminate all ignition sources.
- Wear suitable PPE.
- Absorb with sand or inert material.
- Prevent entry into drains or waterways.

SECTION 7 – Handling & Storage

- Keep away from heat, sparks and open flames.
- Use only in well-ventilated areas.
- Keep container tightly closed.
- Store between **5°C and 35°C**.
- Protect from direct sunlight.

SECTION 8 – Exposure Controls / PPE

- Safety goggles
- Nitrile gloves
- Protective clothing
- Organic vapor respirator when ventilation is insufficient

SECTION 9 – Physical & Chemical Properties

Property	Value
Appearance	Black liquid
Odor	Petroleum solvent
Specific Gravity	0.85–0.95
Flash Point	>38°C
Solubility	Insoluble in water

SECTION 10 – Stability & Reactivity

- Stable under normal conditions.
- Avoid heat, flames, oxidizing agents.



- Hazardous decomposition: CO and CO₂ during combustion.

SECTION 11 – Toxicological Information

Possible effects:

- Skin irritation
- Eye irritation
- Respiratory irritation
- CNS depression from prolonged solvent exposure
- Aspiration hazard if swallowed

SECTION 12 – Ecological Information

- Avoid release into the environment.
- Toxic to aquatic organisms.
- Not readily biodegradable.

SECTION 13 – Disposal

Dispose of product and contaminated containers according to local environmental regulations.

SECTION 14 – Transport Information

UN Number: UN 1999

Proper Shipping Name: Tars, Liquid (including road oils and cutback bitumens)

Hazard Class: 3

Packing Group: III

SECTION 15 – Regulatory Information

Classified according to GHS for flammable solvent-based coatings.

SECTION 16 – Other Information

The information above is intended as general guidance for the safe handling, storage, transport, and use of Bitumen Primer D41. Users should comply with applicable local regulations and conduct their own risk assessment before use.