

In the event of a HOT LIQUID ASPHALT BURN or injury, a key step to remember: Cool the asphalt cement and affected parts of the body immediately.

**Methods of cooling (in order of preference):**

- Completely submerge the affected area in ice water;
- Completely submerge the affected area in tap water;
- Place affected area under cool running water.

**Do Not Delay!**

- Use any available water, cooler than body temperature, while arranging for better cooling.
- **CAUTION:** DO NOT apply ice directly to affected area.
- LEAVE cooled asphalt cement on affected area (DO NOT REMOVE).
- Proceed with the following:
- MINOR ASPHALT CEMENT BURNS—at first opportunity get victim to a doctor
  - This includes injury to small areas of sensitive flesh involving a small quantity of asphalt cement.

**Serious Asphalt Cement Burns**

- As soon as possible get victim to:
  - Hospital (Emergency)
  - Clinic
  - Physician's Office
- This includes:
  - Injury to the head, face, or extremities
  - Injury when large amounts of asphalt cement are involved.
  - Evidence of nausea or faintness.

**Treatment For Shock**

- In the event shock occurs, do the following:
- Keep the victim lying down and quiet.
- Keep the victim covered with a blanket or something similar to keeping the body temperature at normal, 98°F (37°C)
- Give the victim oxygen if you have it

**DO NOT ATTEMPT TO REMOVE THE ASPHALT CEMENT** – especially with products containing solvents or ammonia.

**Note:** Natural separation can occur in about 48-72 hours. If necessary, for early removal, soak bandage in mineral oil and place over affected area for 2 to 3 hours.



**KEEP COOL**  
**DO NOT PANIC OR DELAY**  
**ON-SCENE FIRST AID**  
**FOR ASPHALT BURNS**

- Immediately address any Airway, Breathing or Circulation concerns and **START COOLING** with water
- Do NOT try to remove asphalt from skin
- Quickly place affected area under running/flowing water (ice or cold packs may be used in the event water is unavailable)
- Leave the asphalt burn area uncovered
- Notify others
- **CALL FOR HELP!**

**Skin (Do NOT delay)**

- Immediately place the affected skin under running/flowing water for at least 20 minutes
- Prolonged flushing/cooling is necessary

**Eyes (Do NOT delay)**

- Lay the person on their back
- Remove contact lenses (medical personnel only)
- Flush with running/flowing water for at least 20 minutes by allowing the water to flow over the bridge of the nose to the eyes

After cooling, urgent medical attention is required for burns to the face, eyes, hands, feet, genitalia and for circumferential or large burn areas.

