

## GSB-88 MSDS

N/E=None Established N/A=Not Applicable N/D=No Data Available

**Appearance and odor:** Brown liquid with slight resinous odor.

**Hazard Rating:**

Health: 1

Fire: 0

Reactivity: 0

**ANSI :** Caution! May cause eye and skin irritation.

<b>Ingredient</b>	<b>CAS No.</b>	<b>Percent</b>	<b>TLV</b>	<b>PEL</b>
Gilsonite	12002-43-6	Proprietary	5mg/m3	N/E
Aromatic Oil	64741-59-9	information	.2mg/m3	N/E
Petroleum Asphalt	8052-42-4		5mg/m3	N/E
Additives	N/A		N/E	N/E
Water	7732-18-5		N/E	N/E

**CAUTION:** There maybe the possibility of volatile vapors developing under extreme heat conditions while being stored in bulk containers.

GSB – 88<sup>®</sup> is a colloidal dispersion of Gilsonite, asphalt and aromatic oil in water and additives.

After the water has been removed and the temperature of the bitumen exceeds 400°F (204°C) may burn if ignited.

The product contains small amounts of additives, which can vary in composition quantities. These additives are not hazardous in the small quantities used.

**Description :** Dark brown liquid, resinous odor.

**Boiling Point :** 212°F (100°C)

**Vapor Pressure :** 23.7 mm of Hg at 77°F (25°C)

**Vapor Density :** 0.62

**Solubility in water :** 100%

**Specific Gravity :** 1.02

**Percent Volatile by Volume :** 32-42

**Evaporation Rate :** N/D

**Flash Point (Closed Cup) :** None unless water is removed.

**Explosive Limits :** N/D

**Autoignition Temperature :** N/D

**Fire Point :** N/D

**Extinguishing Media :** Dry Chemical, Water, Foam, CO2

**Hazardous Decomposition Products :** Carbon monoxide and Carbon dioxide.

**Special Fire Fighting Procedures :** If entering a confined area, fire fighters should wear a NIOSH approved self-contained breathing apparatus

**Unusual Fire & Explosion Hazards :** May foam if heated above 212°F (100°C)

**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.

**FIRST AID :**

**If in eyes** : Flush with large amounts of water while holding eyelids open.

**If on skin** : Wash with soap and water or use waterless hand cleaner. Do not use solvent or thinners to clean the skin.

**If breathed** : Remove victim to fresh air. If breathing is difficult, give artificial respiration. Get medical attention.

**If swallowed** : If victim is conscious, give liquids. INDUCE VOMITING. Call a physician.

**Hazardous Polymerization** : Will not occur.

**Stability** : Stable

**Incompatibility** : Avoid contact with strong oxidizers.

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 :**

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.

**Respiratory Protection** : NIOSH approved cartridge respirator with organic vapor cartridges if other controls are not effective.

**Ventilation** : Normal ventilation is usually adequate.

**Protective Gloves** : Impervious gloves such as neoprene or vinyl.

**Eye Protection** : Wear chemical safety goggles if splashing may occur.

**Other Protective Equipment** : Wear a protective apron if splashing or repeated contact is likely.

Do not allow to freeze.

Do not store in excess of 200°F (93°C).