

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: GEL SPOT

Chem. Name: N/A

Chem. Family: Mixture

Manufacturer: ESTEAM

Trade Name: Gel-spot

Use: Spotting agent

Flammability: 1

Reactivity: 0

Health: 1

Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS

D-limonene

CAS #

5989-27-5

% WT

40-60

HAZARD DATA

LD50 4400 mg/kg (oral-rat)

EXPOSURE LIMITS (TLV)

N/D

PHYSICAL DATA

Physical State: Gel

Odor/ Appearance: Clear, citrus odor

Boiling Point (C): 100

Freezing Point (C): -4

Solubility in Water: N/A

Ph (undiluted): N/A

Evaporation Rate: N/D

Specific Gravity: N/D

Freeze/Thaw

Stable: Yes

Percent Volatile (vol): N/D

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: Yes

Means of Extinction: Dry chemical, CO2

Special Procedures: Self contained breathing apparatus

Explosion Sensitivity to Impact: N/A

Chemical Sensitivity to Static Discharge: N/D

Flashpoint (C) & Method: N/D

Conditions: N/A

Hazardous Combustion Products: CO, CO2

Upper Explosion Limit (% by vol): N/D

Lower Explosion Limit (% by vol): N/D

Auto-ignition: N/D

Rate of Burning: N/D

Explosive Power: N/D

TDG/WHMIS: Non hazardous / D2B, B2

REACTIVITY DATA

Chemical Stability: Stable under normal conditions

Hazardous Decomposition Product: Oxides of carbon

Incompatible Substances: Strong oxidizing agents

TOXICOLOGICAL PROPERTIES

Route of Entry - Skin Contact: Y

Route of Entry - Skin Absorption: N

Route of Entry - Eye Contact: Y

Route of Entry - Inhalation: Y

Route of Entry - Ingestion: Y

Reproductive Effects Y/N: N/D

Carcinogenicity Y/N: N/D

Mutagenicity Y/N: N/D

Teratogenicity Y/N: N/D

TLV: N/D

Effects of Overexposure:

Acute Effects:

Irritant to eyes and skin. Excessive inhalation of vapors may cause nasal and respiratory irritation. If swallowed may cause gastrointestinal irritation.

Chronic Effects:

None known

PREVENTATIVE MEASURES

Gloves: Impervious
Eyes: Chemical glasses

Footwear: Not normally required
Respirator: Not normally required

Clothing: N/A
Other: N/A

Recommended Engineered Controls:

Use with adequate ventilation.

Leak & Spill Procedures:

Soak up with inert absorbent and place in appropriate closed container for disposal.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Store in a cool, dry place. Keep closed when not in use.

FIRST AID MEASURES

Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress.

Ingestion: Immediately rinse mouth and throat thoroughly with water. Call a physician.

Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists.

Skin Contact: Immediately flush skin with running water for at least 15 minutes. Launder clothing before reuse. If irritation persists get medical attention.

Prep./Revised Date: May 1, 2007

Prepared By: R. Russell

Source Material: Manufacturer's MSDS

Emergency Response: 1-613-996-6666 (Transport Emergencies)

Mailing Address: Esteam Manufacturing Ltd.
3750-19th Street NE Calgary, AB T2E 6V2



This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.