

# MATERIAL SAFETY DATA SHEET

## SECTION 1 — PRODUCT IDENTIFICATION AND USE

|                     |   |                                     |                |
|---------------------|---|-------------------------------------|----------------|
| PRODUCT IDENTIFIER  | ▶ FABRISHIELD® 900 SERIES (905, 907, 910) | PRODUCT IDENTIFICATION NUMBER (PIN) |                |
| PRODUCT USE         | ▶ Water Repellent Sealers                 |                                     |                |
| MANUFACTURER'S NAME | FABRIKEM MANUFACTURING LTD.               | SUPPLIER'S NAME                     |                |
| STREET ADDRESS      | 20361 Duncan Way                          | STREET ADDRESS                      |                |
| CITY                | Langley                                   | PROVINCE                            | B.C.           |
| POSTAL CODE         | V3A 7N3                                   | EMERGENCY PHONE NO.                 | (604) 532-3883 |
| EMERGENCY PHONE NO. |   | POSTAL CODE                         |                |

## SECTION 2 — HAZARDOUS INGREDIENTS

| HAZARDOUS INGREDIENTS          | % (W/W)      | CAS NUMBER | LD <sub>50</sub> OF INGREDIENT | LC <sub>50</sub> OF INGREDIENT        |
|--------------------------------|--------------|------------|--------------------------------|---------------------------------------|
| Silane/Siloxane Mixture        | 5 - 10       | mixture    | Not Available                  | Not Available                         |
| Ethanol (reaction by-product)  | < 5 (varies) | 64-17-5    | 1501 mg/kg (Rat - Oral)        | 124.7 mg/L (Rat - Inhalation)         |
| Methanol (reaction by-product) | < 5 (varies) | 67-56-1    | 5628 mg/kg (Rat - Oral)        | 64,000 ppm (Rat - Inhalation, 4 hour) |
|                                |              |            |                                |                                       |
|                                |              |            |                                |                                       |
|                                |              |            |                                |                                       |

## SECTION 3 — PHYSICAL DATA

|                         |               |                          |  |                                       |            |
|-------------------------|---------------|--------------------------|--|---------------------------------------|------------|
| PHYSICAL STATE          | Liquid        | ODOUR AND APPEARANCE     | Slight alcohol odour, light milky appearance | ODOUR THRESHOLD (ppm)                 | Not Estab. |
| VAPOUR PRESSURE (mm Hg) | Not Available | VAPOUR DENSITY (AIR = 1) | Not Established                              | EVAPORATION RATE (nBuAc = 1)          | > 1        |
|                         |               | BOILING POINT (°C)       | 100  | FREEZING POINT (°C)                   | 0          |
| pH                      | 8.5 - 9.0     | SPECIFIC GRAVITY         | 0.99   | COEFFICIENT OF WATER/OIL DISTRIBUTION | No Data    |
|                         |               | WHMIS CLASSIFICATION     | B2;D2b                                       |                                       |            |

## SECTION 4 — FIRE AND EXPLOSION DATA

|  |  |                                     |                  |                                     |                 |     |
|--|--|-------------------------------------|------------------|-------------------------------------|-----------------|-----|
| FLAMMABILITY   | ▶ Vapours are flammable. Avoid sources of ignition, flame, spark, or static discharge. Empty containers may contain explosive vapours. |                                     |                  |                                     |                 |     |
| YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF YES, UNDER WHAT CONDITIONS? |  |                                     |                  |                                     |                 |     |
| MEANS OF EXTINCTION  | Foam, Carbon Dioxide, Dry Chemical   |                                     |                  |                                     |                 |     |
| FLASHPOINT (°C) AND METHOD   | Not Established  | UPPER FLAMMABLE LIMIT (% BY VOLUME) | Not Established  | LOWER FLAMMABLE LIMIT (% BY VOLUME) | Not Established |     |
| AUTOIGNITION TEMPERATURE (°C)  | Not Established  | HAZARDOUS COMBUSTION PRODUCTS       | Oxides of carbon |                                     |                 |     |
| EXPLOSION DATA   | ▶ SENSITIVITY TO IMPACT  |                                     | No               | SENSITIVITY TO STATIC DISCHARGE     |                 | Yes |

## SECTION 5 — REACTIVITY DATA

|  |   |  |
|--|---|--|
| CHEMICAL STABILITY   | ▶ Avoid sources of ignition.                  |  |
| YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF NO, UNDER WHICH CONDITIONS? |   |  |
| INCOMPATIBILITY WITH OTHER SUBSTANCES  | ▶ Avoid contact with strong oxidizing agents. |  |
| YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> IF SO, WHICH ONES?             |   |  |
| REACTIVITY, AND UNDER WHAT CONDITIONS  | No.   |  |
| HAZARDOUS DECOMPOSITION MATERIALS  | Oxides of carbon and silicon from combustion. |  |

PRODUCT IDENTIFIER ► FABRISHIELD® 900 SERIES (905, 907, 910)

## SECTION 6 — TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY SKIN CONTACT  SKIN ABSORPTION  EYE CONTACT  INHALATION  INGESTION

### EFFECTS OF ACUTE EXPOSURE TO PRODUCT

EYES: May cause eye irritation. SKIN: May cause skin irritation. INHALATION: Respiratory irritant; material aspirated into lungs may cause chemical pneumonitis. Inhalation is a risk if aerosol is formed. INGESTION: May cause irritation of mouth, throat, and stomach; ingestion is not expected during industrial use. NOTE: Pre-existing pulmonary and dermatological disorders may be aggravated by exposure to hazardous components.

### EFFECTS OF CHRONIC EXPOSURE TO PRODUCT

May aggravate existing liver and/or kidney disease.

|   |   |                                     |                                 |
|---|---|-------------------------------------|---------------------------------|
| EXPOSURE LIMITS (TLV)<br>200 ppm (Methanol) | IRRITANCY OF PRODUCT<br>EYES: moderate irritant.<br>SKIN: moderate irritant.<br>INHALATION: respiratory irritant. | SENSITIZATION OF PRODUCT<br>No Data | CARCINOGENICITY<br>No Data      |
| TERATOGENICITY<br>No Data                   | REPRODUCTIVE TOXICITY<br>Not suspected  | MUTAGENICITY<br>No Data             | SYNERGISTIC PRODUCTS<br>No Data |

## SECTION 7 — PREVENTIVE MEASURES

### PERSONAL PROTECTIVE EQUIPMENT

Care should be taken to avoid inhalation of vapours and contact of product with skin or eyes.

|  |  |   |
|--|--|---|
| GLOVES<br>Impervious                       | RESPIRATOR<br>Organic vapour cartridge if product is aerosolized or at levels above TLV. | EYE PROTECTION<br>Chemical safety goggles |
| FOOTWEAR<br>Impervious if contact possible | CLOTHING<br>Impervious if contact possible   | OTHER<br>Eye wash accessible              |

### ENGINEERING CONTROLS

Use only with adequate ventilation. Local exhaust as needed to control vapour levels below recommended limits.

### LEAK AND SPILL PROCEDURE

Ventilate area. Wear appropriate protective equipment during cleanup. Eliminate sources of ignition. Shut off source of leak if safe to do so. Dike or contain spill. Absorb with inert material such as vermiculite. Sweep or shovel into containers with lids. Cover loosely and remove to appropriate waste area. Wash spill area with soap and water. Prevent washings from entering waterways.

### WASTE DISPOSAL

Review all local, provincial, and federal regulations concerning health and pollution for appropriate disposal procedures.

### HANDLING PROCEDURES AND EQUIPMENT

Tightly reseal all partially used containers.

### STORAGE REQUIREMENTS

Store away from sources of ignition.

### SPECIAL SHIPPING INFORMATION

T.D.G. Classification: Not Regulated

## SECTION 8 — FIRST AID MEASURES

### SPECIFIC MEASURES

EYES: Flush with plenty of water for at least 15 minutes. Obtain immediate medical attention.  
SKIN: Remove contaminated clothing. Wash affected areas thoroughly with soap and water. Consult a physician.  
INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. Administer artificial respiration if not breathing. Obtain medical attention.  
INGESTION: **DO NOT INDUCE VOMITING.** Give water or milk if victim is conscious and not drowsy. Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into lungs. Obtain immediate medical attention.

## SECTION 9 — PREPARATION OF MSDS

|                                     |                                |      |
|-------------------------------------|--------------------------------|------|
| PREPARED BY<br>W.H.M.I.S. Committee | PHONE NUMBER<br>(604) 532-3883 | DATE |
|-------------------------------------|--------------------------------|------|