



# TRIDENT FINE/FIN FINISH COAT

Textured acrylic coating for interior and exterior walls.

## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer : adexSYSTEMS**

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**IS prepared by :** Adex Systems inc.

**Preparation Date:** June 8<sup>th</sup>, 2016

**Telephone :** T (418) 343-2640

## SECTION 2 - COMPOSITION AND INFORMATION ON THE INGREDIENTS

| DANGEROUS INGREDIENTS | CONCENTRATION (%weight/weight) | CAS NUMBER | DL <sub>50</sub> | CL <sub>50</sub> | ACGIH TLV-TWA* (Respirable fraction) |
|-----------------------|--------------------------------|------------|------------------|------------------|--------------------------------------|
| Silica Sand           | 3-7%                           | 14808-60-7 | N/D              | N/D              | 0.025 mg/m <sup>3</sup>              |

\*ACGIH : American Conference of Government Industrial Hygienists.

TLV : Threshold limit value.

TWA : Time weighted average.

## SECTION 3 – HAZARDS IDENTIFICATION

**Absorption tracts :** Inhalation  
Ingestion  
Contact with skin  
Contact with eyes

**Effects of acute exposure to product :**

Inhalation : Headaches and nausea  
Skin : Irritation  
Eyes : Irritation  
Ingestion : Headaches and nausea



# MATERIAL SAFETY DATA SHEET

## TRIDENT FINE/FIN FINISH COAT

### SECTION 3 – HAZARDS IDENTIFICATION (continued)

#### Effects of chronic exposure to product :

Inhalation : This product may contain silica crystals. When these dry crystals are present in the air at a density higher than 1%, there are risks of developing silicosis and damaging your lungs. Silicosis is characterized by coughing, spitting, abnormally loud breathing, nodules on lungs and poor pulmonary functioning. In advanced cases, symptoms may reach fever, weight loss, cyanosis, bacterial infection and death due to tuberculosis. This product may contain silica crystals, which are considered by the IARC (International Agency for Research on Cancer) as probably cancerous to humans.

**Exposure Limit** : 1% of silica crystals in the air.

### SECTION 4 – FIRST AID MEASURES

#### Particular First Aid to administer :

Inhalation : Escort victim to well aerated area. Consult a physician if headaches persist.

Skin : Clean skin with water and remove contaminated clothing. Wash with soap and water. Consult a physician.

Eyes : Rinse immediately with running water for 15 minutes while holding eyelids open. If irritation persists, rinse again and obtain medical assistance.

Ingestion : Give 2 cups of water to victim, but nothing to a victim in a state of shock or in seizures. Do not make the victim vomit. Consult a physician immediately.

### SECTION 5 – FIRE FIGHTING MEASURES

**Inflammability** : No, this product is noninflammable but may splatter if temperature exceeds boiling point.

**Extinction Methods:** N/A

**Special Methods** : N/A



## MATERIAL SAFETY DATA SHEET TRIDENT FINE/FIN FINISH COAT

### SECTION 5 – FIRE FIGHTING MEASURES (continued)

**Flash point and determination methods :** N/A

**Inferior and superior inflammability limits:** N/A

**Auto-ignition temperature:** N/A

**Dangerous combustion products :** During combustion, there may be emissions of carbon monoxide, carbon dioxide and nitrogen oxide.

**Explosiveness information :** N/A

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Procedure in case of leaks or spills :** Pick up with shovel and dispose.

### SECTION 7 – HANDLING AND STORAGE

**Handling methods and equipment :** Keep from freezing as the material is water based and the polymers may coagulate when the liquid freezes. The minimum recommended storage temperature for these materials is 4C/40F. Store in a cool dry place under cover and out of the sun. Storage above 30C/85F is not recommended.

**Warehousing requirements:** Keep from freezing as the material is water based and the polymers may coagulate when the liquid freezes. The minimum recommended storage temperature for these materials is 4C/40F. Store in a cool dry place under cover and out of the sun. Storage above 30C/85F is not recommended.

### SECTION 8 – EXPOSURE CONTROL AND INDIVIDUAL PROTECTION

**Technical control:** Concentration of dust in the air below limit.

**Individual protection equipment :**

- Gloves
- Approved respirator in presence of dust
- Safety goggles
- Clothing covering body



# MATERIAL SAFETY DATA SHEET

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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|   |                          |
|---|--------------------------|
| <b>Apparence :</b>                          | Viscous paste            |
| <b>Odour :</b>                              | Ammonia                  |
| <b>Physical State :</b>                     | Mud                      |
| <b>pH :</b>                                 | 8.5 to 10                |
| <b>Vapour Tension :</b>                     | N/A                      |
| <b>Vapour density (Air =1) :</b>            | >1                       |
| <b>Boiling point (°C) :</b>                 | 100                      |
| <b>Freezing point (°C) :</b>                | 0                        |
| <b>Relative density (g/ml) :</b>            | 1,7 to 1,8               |
| <b>Evaporation Rate :</b>                   | >1                       |
| <b>Coefficient of water-oil partition :</b> | N/A                      |
| <b>Odour Level :</b>                        | N/A                      |
| <b>Viscosity :</b>                          | N/A                      |
| <b>Water Solubility (20 °C) :</b>           | Soluble, coefficient N/D |

### SECTION 10 – STABILITY AND REACTIVITY

**Chemical Stability :** Yes, in conditions of ambient temperature and pressure.

**Reactivity conditions to avoid :** N/A

**Incompatibility with other products :** Yes, with strong oxydizing agents and reducing agents

**Dangerous decomposition products :** During combustion, there may be emissions of carbon monoxyde, cardon dioxide and nitrogen oxyde.

**Dangerous Polymerization :** N/A

### SECTION 11 – TOXICOLOGICAL INFORMATION

**Effects of short-term exposure :** Headaches, skin irritation

**Effects of long-term exposure :** This product contains silica. Sanding this product may release crystalline silica as dust in the air. Frequent, long-term, inhalation of silica may damage lungs and cause silicosis.

**Irritant Properties :** Skin, Eyes.



# MATERIAL SAFETY DATA SHEET TRIDENT FINE/FIN FINISH COAT

## SECTION 11 – TOXICOLOGICAL INFORMATION (CONTINUED)

**Awareness of product:**N/D

**Cancerogenity :** YES (crystalline silica present in product)

**Effects on reproduction :** NO

**Teratogenicity :** NO

**Mutagenicity :** NO

**Synergetic products :** N/D

## SECTION 12 – ECOLOGICAL INFORMATION

No relative information is available concerning the effects of this product on the environment.

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Elimination of residues :** Eliminate while respecting municipal, provincial and federal rules.

## SECTION 14 – TRANSPORTATION INFORMATION

**Transport classification :** N/A

**NIP :** N/A

## SECTION 15 – REGULATORY INFORMATION

**WHMIS classification:** D2A

This identification sheet of health and security is in conformity with the requirements of WHMIS.

## SECTION 16 – OTHER INFORMATION

None