# SAFETY DATA SHEET

## SECTION 1 – IDENTIFICATION

**Trade name:** Classix 1.5

**Application / Use:** Textured acrylic coating for interior and exterior walls.

**Manufacturer / Supplier:** adexSYSTEMS
HEBERTVILLE-STATION PLANT
67, rue Saint-Paul
Hebertville-Station (Quebec)
G0W 1T0
T (418) 343-2640 | F (418) 343-2952
www.adex.ca

**Emergency phone number:** CANUTEC +1 (613) 996-6666

## SECTION 2 – HAZARDS IDENTIFICATION

### GHS Classification

**Carcinogenicity:** Category 1A

**Specific target organ toxicity:** Category 1 - Repeated exposure

**Hazard pictogram:**

**Signal word:** DANGER

**Hazard statements:**

| | |
|---|---|
| H350 | May cause cancer. |
| H372 | Causes damage to organs through prolonged or repeated exposure (lungs). |

**Precautionary statements:**

| | |
|---|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P260 | Do not breathe dust / fume / gas / mist / vapours / spray. |
| P280 | Wear protective gloves / protective clothing / eye protection / face protection. |
| P301+P310 | IF SWALLOWED: Immediately call a Poison Center or doctor/physician. |
| P302+P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P304+P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove any contact lenses, if present and it is easy to do. Continue rinsing. |
| P308+P313+P314 | If exposed or concerned, or if you feel unwell, get medical attention. |
| P405 | Store locked up. |
| P410 | Protect from sunlight. |
| P501 | Dispose of contents / container in accordance with local authority requirements. |

## SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

| DANGEROUS INGREDIENTS | CAS NUMBER | CONCENTRATION (%weight/weight) |
|---|---|---|
| Calcium carbonate / Limestone | 1317-65-3 | 0 - 1 |
| Silica - Crystalline, Quartz | 14808-60-7 | 0.05 - 4 |
| Titanium dioxide | 13463-67-7 | 0.05 – 3 |

## SECTION 4 – FIRST AID MEASURES

**Inhalation:** Move to fresh air in case of accidental inhalation of dust. Consult a physician.

**Skin contact:** Wash with soap and water and remove contaminated clothing. Consult a physician if irritation develops and persists.

**Eye contact:** Immediately flush eyes with running water for 15 minutes while holding eyelids open. Remove any contact lenses, if present and it is easy to do. If irritation persists, rinse again. Get medical attention.

**Ingestion:** Do not induce vomiting. Consult a physician immediately.

## SECTION 5 – FIRE FIGHTING MEASURES

**General information:** Water based product.
May splatter if temperature exceeds boiling point.

**Extinguishing media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Hazardous combustion products:** Information not available.

**Firefighting instructions:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:** Avoid dust generation. All persons dealing with clean-up should wear the appropriate protective equipment.

**Environmental precautions:** Avoid discharge into drains, water systems or onto the ground.

**Methods and materials for containment and cleaning up:** Prevent further leakage or spillage if it is safe to do so. Pick up with shovel and dispose.

## SECTION 7 – HANDLING AND STORAGE

**Precautions for safe handling:**

Handle in accordance with good industrial hygiene and safety practices.
Avoid formation of dust. Wear appropriate protective equipment when working with this product.

**Conditions for safe storage:**

Keep from freezing. The minimum recommended storage temperature for these materials is 4°C/40°F.
Store in a cool and dry place, and out of the sun.
Storage above 30°C/85°F is not recommended.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational exposure limits:**

| NAME | CAS NUMBER | ACGIH TLV | OSHA PEL |
|---|---|---|---|
| Calcium carbonate / Limestone | 1317-65-3 | TWA (Total dust): 10 mg/m$^3$ | TWA (Total dust): 15 mg/m$^3$<br><br>TWA (Respirable fraction): 5 mg/m$^3$ |
| Silica - Crystalline, Quartz | 14808-60-7 | TWA (Respirable fraction): 0.025 mg/m$^3$ | TWA (Total dust): 30 mg/m$^3$ / %$SiO_2$ + 2<br><br>TWA (Respirable fraction): 250 mppcf / %$SiO_2$ + 5<br>10 mg/m$^3$ / %$SiO_2$ + 2 |
| Titanium dioxide | 13463-67-7 | TWA (Total dust): 10 mg/m$^3$ | TWA (Total dust): 15 mg/m$^3$ |

ACGIH: American Conference of Government Industrial Hygienists.
OSHA: Occupational Safety & Health Administration.
PEL: Permissible Exposure Limits.
TLV: Threshold Limits Value.
TWA: Time Weighted Average.
Mppcf: Millions of Particles Per Cubic Foot of air.

**Appropriate engineering controls:**

Keep concentration of dust in the air below limits (PEL / TLV).
Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment:**

| | |
|---|---|
| Skin and body protection | Wear protective gloves, protective clothing. |
| Eye protection | Use safety goggles. |
| Respiratory protection | Wear suitable respiratory equipment in presence of dust. |

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance:** | Viscous paste |
| **Odor :** | Ammonia |
| **Odor Threshold:** | Not available |
| **pH :** | 8 to 10 |
| **Boiling point (°C) :** | 100 |
| **Freezing point (°C) :** | 0 |
| **Flash point:** | Not available |
| **Evaporation rate (n-BuAc = 1) :** | < 1 |
| **Flammability (solid, gas):** | Not available |
| **Upper/Lower flammability limits:** | Not available |
| **Auto-ignition temperature:** | Not available |
| **Decomposition temperature:** | Not available |
| **Vapor pressure :** | Not available |
| **Vapor density (Air = 1) :** | > 1 |
| **Density (g/ml) :** | 1,8 to 2.0 |
| **Partition coefficient (n-octanol/water) :** | Not available |
| **Viscosity :** | Not available |
| **Water Solubility (20 °C) :** | Soluble |

## SECTION 10 – STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity:** | The product is stable and non-reactive under normal conditions of use. |
| **Chemical stability:** | The product is stable under the recommended storage and handling conditions prescribed. |
| **Conditions to avoid:** | Contact with incompatible materials. Do not freeze or overheat. |
| **Incompatible materials:** | Material that reacts with water. |
| **Hazardous decomposition products:** | Thermal decomposition can generate irritating and toxic gases. |

## SECTION 11 – TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Inhalation:** May cause irritation to the respiratory tract.
**Skin contact:** May cause skin irritation and chemical burn.
**Eye contact:** May cause irritation and chemical burn.
**Ingestion:** May be harmful if ingested.

### Acute toxicity

**Calcium carbonate:**
**(CAS # 1317-65-3)**
$LD_{50}$: Rat (Oral) = 6450 mg/kg

**Silica-Crystalline, Quartz:**
**(CAS # 14808-60-7)**
Is considered a known human carcinogen.
IARC carcinogenic classification: Group 1 (carcinogenic to humans).
(International Agency for Research on Cancer)

ACGIH carcinogenic classification: A2 (suspected human carcinogen).
Also, crystalline silica can cause a lung condition known as silicosis after long term exposure to dusts containing crystalline silica. The use of a correctly fitted NIOSH approved respirator should be used when working with this product.

IDLH = 50 $mg/m^3$
(NIOSH Immediately Dangerous to Life or Health concentration)

**Titanium dioxide:**
**(CAS # 13463-67-7)**
Is considered a suspected carcinogen by advising health agencies.
IARC carcinogenic classification: Group 2B (suspected human carcinogen).
(International Agency for Research on Cancer)
Care should be exercised and the use of a correctly fitted NIOSH approved respirator should be used when working with this product.

IDLH = 5000 $mg/m^3$
(NIOSH Immediately Dangerous to Life or Health concentration)

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** Not available
**Persistence and degradability:** Not available
**Bioaccumulative potential:** Not available
**Mobility in soil:** Not available
**Other adverse effects:** Not available

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste disposal:** Dispose of in accordance with applicable local, provincial and federal regulations.

## SECTION 14 – TRANSPORT INFORMATION

**Land transport -** **UN/DOT:** Not regulated
**Sea transport -** **IMDG:** Not regulated
**Air transport -** **IATA:** Not regulated

## SECTION 15 – REGULATORY INFORMATION

### Titanium dioxide

**Canada**
**WHMIS 2015 classification:** Carcinogenicity - Category 2
**DSL (Domestic substance list):** Listed.

**US**
**TSCA Inventory:** Listed.
**(Toxic Substances Control Act)**

### Silica - Crystalline, Quartz

**Canada**
**WHMIS 2015 classification:** Carcinogenicity - Category 1A
**DSL (Domestic substance list):** Listed.

**US**
**OSHA hazards:** Dust containing crystalline silica has been classified as a human lung carcinogen.
**TSCA Inventory:** Listed.
**(Toxic Substances Control Act)**

### Calcium carbonate / Limestone

**Canada**
**WHMIS 2015 classification:** Carcinogenicity - Category 1A (Contains more than 0.1% of a carcinogenic substance: crystalline silica).
**DSL (Domestic substance list):** Listed.

**US**
**TSCA Inventory:** Listed.
**(Toxic Substances Control Act)**

## SECTION 16 – OTHER INFORMATION

The information provided on this SDS is correct to the best of our knowledge. Because some of the information used to prepare this document is derived from information provided from our suppliers, and because we have no control over the conditions of handling and use, we assume no responsibility and disclaim all liability for any harmful effects that may be caused by purchase, resale, use or exposure to our product. Customers and users must comply with all applicable health and safety laws, regulations, and orders. All materials may present unknown hazards and should be used with caution.

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