SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION

Trade name: Surfaglaze XT

Application / Use: Exterior surfacing compound.

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	45 - 55
Silica - Crystalline, Quartz	14808-60-7	0 – 2

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 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 TWA (Respirable fraction): 250 mppcf / %SiO_2 + 5 10 mg/m^3 / %SiO_2 + 2

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) :	1,5 to 1,7
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)

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

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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