MATERIAL SAFETY DATA SHEET

DUOTACK PART B

WHMIS PROTECTIVE CLOTHING TRANSPORT OF DANGEROUS GOODS
Not regulated

SECTION I: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Use: Bi-component adhesive for insulation materials
Formula number: 769.1

Manufacturers:
- Soprema Canada
  - 1675 Haggerty Street
  - Drummondville (Quebec) J2C 5P7
  - Tel.: 819 478-8163

Distributors:
- Soprema Inc.
  - 44955 Yale Road West
  - Chilliwack (BC) V2R 4H3
  - Tel.: 604 793-7100

- Soprema USA
  - 310 Quadral Drive
  - Wadsworth (Ohio) 44281
  - Tel.: 1 800 356-3521

- Soprema USA
  - 12251 Seaway Road
  - Gulfport (Mississippi) 39507
  - Tel.: 228 239-1168

In case of emergency:
- SOPREMA CANADA INC. (8:00am to 5:00pm): 1 800 567-1492
- CANUTEC (Canada) (24h.) : 613 996-6666
- CHEMTREC (É.-U.) (24h.) : 1 800 424-9300

EMERGENCY OVERVIEW!!!
Creamy white substance. May be harmful if swallowed. This product may cause irritation to respiratory tract, skin and eyes.

SECTION II: COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS #</th>
<th>% WEIGHT</th>
<th>EXPOSURE LIMIT (ACGIH)</th>
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<td>TLV-TWA</td>
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No dangerous ingredients.

SECTION III: POTENTIAL HEALTH EFFECTS

**Effects of Short-Term (Acute) Exposure**

**INHALATION**
Vapour and mist can cause irritation of the nose and throat. Inhalation of high concentrations may cause central nervous system (CNS) depression (dizziness, drowsiness, headache, etc.).

**SKIN CONTACT**
May cause irritation.

**EYE CONTACT**
May cause irritation.

**INGESTION**
May cause nausea, vomiting, abdominal pain and weakness, as well as drunkenness, dizziness, stupor, convulsions and coma (symptoms of depression of the CNS).

**Effects of Long-Term (Chronic) Exposure**

**SKIN SENSITIVITY**
Prolonged contact may cause dermatitis. This product does not contain any skin sensitizer.

**INHALATION:**
Pre-existing conditions like asthma could be aggravated by prolonged contact to this product.

**INGESTION:**
Repeated ingestion can cause kidney and liver damage.

**CARCINOGENICITY**
This product does not contain any substance known to be carcinogenic.

**TERATOGENICITY, EMBRYOTOXICITY, FETOTOXICITY**
No human information.

**REPRODUCTIVE TOXICITY**
No human information.

**MUTAGENICITY**
No human information.

SECTION IV: FIRST AID MEASURES

**SKIN CONTACT**
Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, get medical attention.

**EYE CONTACT**
Flush thoroughly with water for at least 15 minutes. If irritation persists, get medical attention.

**INGESTION**
Do not induce vomiting. Immediately contact local poison control centre. Should vomiting occur, be sure to keep the victim's head below hips to avoid aspiration of vomit into the lungs. Maintain the victim at rest and obtain immediate medical attention.

SECTION V: FIRE FIGHTING MEASURES

**FLAMMABILITY:** Non flammable
**FLASH POINT:** Non flammable
**AUTO-IGNITION TEMPERATURE:** Not applicable
**FLAMMABILITY LIMITS IN AIR:** (% en volume) Not applicable

**COMBUSTION PRODUCTS**
Irritating and/or toxic gases or fumes such as CO, CO₂, NOₓ, SOₓ or formaldehydes may be generated by thermal decomposition or combustion of the product.
FIRE FIGHTING INSTRUCTIONS
Evacuate area. Wear self-contained breathing apparatus and appropriate protective clothing in accordance with standards. Approach fire from upwind and fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Always stay away from containers because of the risk of explosion. Stop leak before attempting to put out the fire. If leak cannot be stopped, and if there is no risk to the surrounding area, let the fire burn itself out. Move containers from fire area if this can be done without risk. Cool containers with floating quantities of water until well after fire is out.

EXTINGUISHING MEDIA
Foam, CO₂ powder, sand, chemical powder.

SECTION VI: ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL
Wear appropriate protective equipment during cleanup. Shut off source of leak if you can do it without risk. Contain the spill. Absorb with inert material such as sand or earth. Shovel into containers with lids. Cover and remove to appropriate well-ventilated area until disposal. Wash spill area with soap and water. Prevent entry into waterways, sewers or basements. Dispose of this product according to local environmental regulations.

HANDLING
This product is not flammable. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing vapours and dusts. Wash thoroughly after handling. Tightly reseal all partially used containers. Use under appropriate conditions of ventilation. Keep away from heat. Do not cut, puncture or weld empty containers.

STORAGE
Store in a cool well-ventilated area out of direct sunlight and away from heat and ignition sources. Do not store at temperatures lower than 5°C or over than 90°C. Keep away from children.

SECTION VII: HANDLING AND STORAGE

SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS: Wear appropriate gloves (viton, nitrile, PVC, neoprene).
REINFORCED: If use is performed in a poorly ventilated confined area, use an approved respirator in accordance with standards.
EYES: Wear chemical safety goggles in accordance with standards.
OTHERS: Eye bath and safety shower.
CONTROL OF VAPOURS: Local exhaust is needed to control vapour levels to below recommended limits.

PHYSICAL STATE:
Creamy
ODOUR AND APPEARANCE:
White
ODOUR THRESHOLD:
Not available
VAPOUR DENSITY (air = 1):
Not available
EVAPORATION RATE (Butyl acetate = 1):
Not available
BOILING POINT (760 mm Hg):
Not available
FREEZING POINT:
Not available
SPECIFIC GRAVITY (H₂O = 1):
1.01 g/ml
SOLUBILITY IN WATER (20°C):
Not available
PH:
Not available
VOLATILE ORGANIC COMPOUND (V.O.C.):
Not available
VISCOSITY:
11 000 cP (Visco Brookfield LVT)

SECTION X: STABILITY AND REACTIVITY

STABILITY: This material is stable.
INCOMPATIBILITY: Avoid contact with strong oxidizers, alkalies and acids.
Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen and sulphur oxides.
CONDITIONS TO AVOID: Avoid excessive freezing and heat.
HAZARDOUS POLYMERISATION: None.
The Material Safety Data Sheets of SOPREMA Canada are available on Internet at the following site: www.soprema.ca

Justification of the update:

- New product.

This MSDS contains all the information required by ANSI Z400.1 standard (United States), by regulation 29 CFR Part. 1910-1200 of the Hazard Communication Standard of OSHA and is in accordance with standard DORS/88-66 of WHMIS (Canada).

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