

MATERIAL SAFETY DATA SHEET

DUOTACK Part B

Disponible en français

WHMIS	PROTECTIVE CLOTHING	TRANSPORT OF DANGEROUS GOODS
		Not regulated

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Duotack – Part B
Use: Adhesive for insulating material.

Code of MSDS: CA U DRU SS FS 119
Formula number: Not applicable
Revision date: November 16, 2011

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

In case of emergency:

SOPREMA (8:00am to 5:00pm – Eastern time): (800) 567-1492
CANUTEC (Canada) (24h.): (613) 996-6666
CHEMTREC (USA) (24h.): (800) 424-9300
Poison Control Centre: Consult local telephone directory

EMERGENCY OVERVIEW!!!

Colourless viscous liquid with a polyether odour. Severely irritating to eyes, skin and lungs. May cause allergic skin and respiratory reactions. May cause burns. May be harmful if swallowed.

SECTION II. COMPOSITION AND INFORMATION ON DANGEROUS INGREDIENTS				
NAME	CAS #	% WEIGHT	EXPOSURE LIMIT (ACGIH)	
			TLV-TWA	TLV-STEL
Polypropylene glycol	25322-69-4	60-100	Not available	Not available
Proprietary tertiary amines	Not available	1-5	Not available	Not available

SECTION III. POTENTIAL HEALTH EFFECTS

HAZARDOUS HEALTH EFFECTS

INHALATION OF PARTICULATES (SPRAYING) AND FUMES:

Allergic lung reaction such as asthma, which includes coughing, wheezing, chest pain and tightness, difficulty breathing and shortness of breath; irritation of the upper respiratory tract, which includes burning of mouth, throat and chest.

EYES:

This product is severely irritating to the eyes. Symptoms include itching, burning, redness and tearing. May cause eye burns.

INGESTION:

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SKIN:

This product is severely irritating to the skin. This product may cause allergic skin reaction.

ACUTE HEALTH EFFECTS:

See Above at Inhalation of particles and fumes.

SECTION IV. FIRST AID MEASURES

INHALATION:

Leave area to breathe fresh air. Oxygen therapy may be necessary, seek medical attention if needed. Should be observed by physician immediately if overexposure is severe.

EYES:

Flush immediately with running water for at least 15 minutes, while holding eyelids open. Get medical attention immediately.

INGESTION:

Get medical attention or advice immediately. Do not induce vomiting unless advised by a physician. Never give anything by mouth to a victim who is unconscious or is having convulsions.

SKIN:

Wash area of contact thoroughly with soap and water. If irritation, rash or other disorders develop or persist, get medical attention immediately. Contaminated leather articles, including shoes, that cannot be decontaminated should be discarded.

SECTION V. FIRE-FIGHTING MEASURES

FLASH POINT: > 350°F (177°C)

METHOD: PM cc

FLAMMABILITY LIMITS IN AIR: N/A

AUTO-IGNITION TEMPERATURE: Not established

FIRE AND EXPLOSION HAZARDS: N/A

SPECIAL FIRE FIGHTING PROCEDURES:

Cool containers with water spray. Containers may burst if overheated. During a fire, personnel at the scene are to avoid exposure to fumes using accepted fire fighting techniques.

COMBUSTION PRODUCTS:

Combustion products may include carbon oxides, nitrogen oxides, HCN and organic acid vapours.

EXTINGUISHING MEDIA: Dry chemical powder, CO₂ foam.

OTHER PRECAUTIONS: Firefighters should wear full protective clothing including self contained breathing apparatus.

SECTION VI. ACCIDENTAL RELEASE MEASURES

RELEASE OR SPILL:

Evacuate the area promptly. Keep upwind of the spilled material and isolate exposure. Avoid inhalation of vapours or mists. Surface may become slippery after a spill. Wear appropriate personal protective equipment. Stop the flow of material, if this is without risk. Do not allow to drain to sewers. Ventilate the contaminated area. Absorb spill with inert material (sand, earth or other suitable material). Transfer to appropriate container for neutralization or disposal. Follow all local, state and federal regulations for disposal of the spilled material.

SECTION VII. HANDLING AND STORAGE**HANDLING AND STORAGE PRECAUTIONS:**

Avoid contact with skin and eyes. Do not breathe vapours. Wear proper personal protective equipment. Avoid contact with water. Do not re-seal contaminated product as a hazardous build-up of pressure may result from liberation of CO₂ gas. Avoid contact with metals such as aluminium, brass, copper, galvanized metals, tin and zinc. Keep containers properly sealed in a cool, dry, well-ventilated area. Do not store in open, unlabeled or mislabelled containers, Do not reuse empty container without commercial cleaning or reconditioning.

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

HANDS:	The use of neoprene, nitrile rubber or butyl rubber gloves is recommended.
RESPIRATORY:	Use a NIOSH-approved organic vapour respirator to protect against inhalation of vapours. A respirator should be used if ventilation is unavailable, or is inadequate for keeping vapours levels below the applicable exposure limits.
EYES:	Wear chemical goggles; add face shield (if splashing is possible).
OTHERS:	Eye wash fountain and emergency showers are recommended.
CONTROL OF VAPOURS:	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Viscous liquid
ODOUR:	Polyether
COLOR:	Colourless
PHYSICAL STATE:	Liquid
pH:	9-10
VAPOR PRESSURE:	N/A
VAPOR DENSITY:	N/A
BOILING POINT:	N/A
MELTING POINT:	N/A
FREEZING POINT:	N/A
EVAPORATION RATE:	N/A
VOC:	N/A
SOLUBILITY IN WATER:	N/A
VISCOSITY:	16,800 cps at 75°F
SPECIFIC GRAVITY:	0.98
% VOLATILE:	< 0.15%

SECTION X. STABILITY AND REACTIVITY

STABILITY:	This material is stable at room temperature.
CONDITIONS TO AVOID:	Avoid high temperatures. Avoid contact with water. Avoid contamination. Avoid contact with metals such as aluminium, brass, copper, galvanized metals, tin and zinc.
INCOMPATIBILITY:	Avoid contact with water, alcohols, amines, bases and acids.
HAZARDOUS DECOMPOSITION:	Carbon oxides, nitrogen oxides, hydrocarbons, HCN and organic acid vapours.
CONDITIONS TO AVOID POLYMERIZATION:	Polymerization will not occur.

SECTION XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA:	
<i>Polypropylene glycol:</i>	LD50 (oral, rat): >2 g/kg
ACUTE EXPOSURE:	This product is severely irritating to eyes, skin and lungs. It may cause allergic skin and respiratory reactions. It may cause burns. It may be harmful if swallowed.
CHRONIC EXPOSURE:	No information available on the product. Avoid repeated exposure.
CARCINOGENICITY:	No additional information available.

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL DATA:	N/A
CHEMICAL FATE:	N/A

SECTION XIII. DISPOSAL CONSIDERATIONS

RCRA CLASS:	N/A
DISPOSAL METHOD:	Not regulated by RCRA. Dispose of in compliance with local, state, federal and provincial regulations.
EPA REPORTABLE QUANTITIES:	N/A

SECTION XIV. TRANSPORT INFORMATION

DOT SHIPPING NAME:	Not regulated.
DOT HAZARD CLASS:	Not regulated.
UN/NA NUMBER:	Not regulated.
PACKING GROUP:	Not regulated.
REPORTABLE QUANTITY (RQ):	N/A

SECTION XV. REGULATORY INFORMATION

WHMIS: D2A - Poisonous and infectious material - Other effects - Very toxic
 D2B - Poisonous and infectious material - Other effects - Toxic

TSCA STATUS: On the TSCA Inventory.

OSHA STATUS: Considered hazardous.

TARGET ORGANS: Eyes, skin and respiratory system.

OSHA HAZARDOUS COMPONENTS: None.

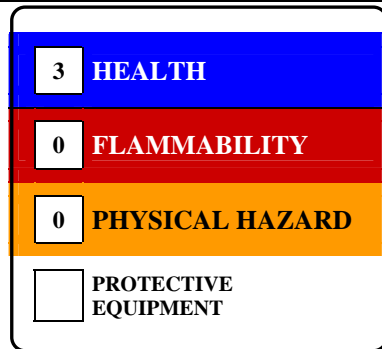
SARA 311 RATINGS:

Immediate Health Hazard	Y
Delayed Health Hazard	N
Fire Hazard	N
Reactivity Hazard	N
Sudden Release of Pressure Hazard	N

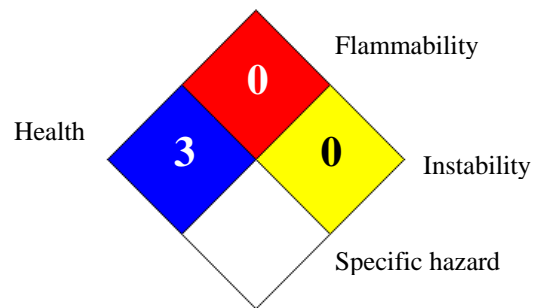
SARA 313 INGREDIENTS: None.

Proposition 65 Ingredients – Chemicals known to the State of California to cause cancer or birth defects or other reproductive harm: None

HMIS (USA):



NFPA (USA):



SECTION XVI. OTHER INFORMATION

Glossary:

ACGIH:	American Conference of Governmental Industrial Hygienists
ANSI:	American National Standards Institute
ASTM:	American Society for Testing and Materials
CAS:	Chemical Abstract Services
CFR:	Code of Federal Regulations (United States)
CSA:	Canadian Standardisation Association
DOT:	Department of Transportation (United States)
DSL:	Domestic Substances List (Canada)
EPA:	Environmental Protection Agency (United States)
HMIS:	Hazardous Material Information System
IARC:	International Agency for Research on Cancer
LC50:	(Lethal concentration ₅₀) Concentration of a substance in air that causes death of 50% mortality of a defined animal population
LD50:	(Lethal dose ₅₀) Single dose of a substance that, when administered by a defined route in an animal assay, is expected to cause the death of 50% of a defined animal population.
NFPA:	National Fire Protection Association (United States)
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety & Health Administration (United States)
PEL:	Permissible Exposure Limit
RCRA:	Resource Conservation and Recovery Act (United States)
RTECS:	Registry of Toxic Effects of Chemical Substances
TDG:	Transportation of Dangerous Goods
TLV:	Threshold Limit Value
TWA:	Time-weighted average
TSCA:	Toxic Substances Control Act (United States)
WHMIS:	Workplace Hazardous Materials Information System (Canada)

References:

Material Safety Data Sheet of supplier

For more information: **SOPREMA Canada** 1-800-567-1492

The Material Safety Data Sheets of SOPREMA are available on Internet at the following site: <http://www.soprema.ca>

Justification of the update:

- Triennial update.

This MSDS contains all the information required by ANSI Z-400.1-1998 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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