



MATERIAL SAFETY DATA SHEET

TROJAN CHEMICALS
1875 DREW ROAD
MISSISSAUGA, ONTARIO
L5S 1J5
TEL# (905) 456-9444

EMERGENCY # CANUTEC (613) 996-6666
"USE IN CASE OF CHEMICAL EMERGENCY ONLY"

W.H.M.I.S. CLASSIFICATION:
A, B5, D1B, D2B

MATERIAL REFERENCE NO: 654721

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: TRB 547 "NO SWEAT" (AEROSOL)	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: NOT AVAILABLE MOLECULAR WEIGHT: NOT AVAILABLE	
SYNONYMS: NONE	
MATERIAL USE: PIPE INSULATION	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
TRICHLOROETHYLENE	20.0-40.0	50	79-01-6	NOT AVAILABLE
PARACHLOROBENZO- TRIFLUORIDE	10.0-30.0	NOT AVAILABLE	98-56-6	NOT AVAILABLE
STEARIC ACID	5.0-10.0	NOT AVAILABLE	57-11-4	NOT AVAILABLE
LIQUIFIED PETROLEUM GAS	40.0-60.0	1000	68476-85-7	NOT AVAILABLE

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL		
ODOUR AND APPEARANCE: VISCOUS, WHITE LIQUID; SOLVENT ODOUR.		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY (CONCENTRATE) 1.358	VAPOUR PRESSURE (MM) 50 PSIG AT 21 (C)
VAPOUR DENSITY (AIR=1) >1	EVAPORATION RATE NOT AVAILABLE	SOLUBILITY IN WATER (25°C) SLIGHT
BOILING POINT (C) ~71	FREEZING POINT (C) NOT AVAILABLE	TOTAL VOC % ~74.5
pH (10% SOLUTION) NOT APPLICABLE	DENSITY (G/ML) NOT APPLICABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE



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SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS:			
MEANS OF EXTINCTION: FOAM, DRY CHEMICAL, CO2.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF			
CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM			
VENTING, BURSTING OR RUPTURING CONTAINERS. USE WATER FOG TO COOL			
FIRE EXPOSED CONTAINERS.			
FLASH POINT (C) AND METHOD: CONCENTRATE 45 (C) T.O.C.			
FLAME EXTENSION-EXTREMELY FLAMMABLE SPRAY			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
HYDROGEN CHLORIDE, PHOSGENE.			
UPPER EXPLOSION LIMIT	LOWER EXPLOSION LIMIT	AUTOIGNITION TEMP (C)	
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	
EXPLOSION DATA SENSITIVITY			
TO CHEMICAL IMPACT			
NOT AVAILABLE			
RATE OF BURNING			
NOT AVAILABLE			
EXPLOSIVE POWER			
PRESSURIZED CONTAINER			
KEEP TEMP. BELOW 49C			
SENSITIVITY TO STATIC DISCHARGE: NOT AVAILABLE			

SECTION V - REACTIVITY DATA

CHEMICAL STABILITY: STABLE			
IF NO, UNDER WHICH CONDITIONS:			
INCOMPATIBILITY TO OTHER SUBSTANCES: YES			
IF SO, WHICH ONES: STRONG OXIDIZING AGENTS.			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE			
CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE, PHOSGENE.			

SECTION VI - HEALTH HAZARD DATA

ROUTE OF ENTRY:			
SKIN CONTACT: YES			
SKIN ABSORPTION: YES			
EYE CONTACT: YES			
INHALATION: YES			
INGESTION: YES			



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|EFFECTS OF ACUTE EXPOSURE TO MATERIAL: |
|EYES-CONTACT MAY CAUSE IRRITATION, REDNESS, TEARING, BURNING |
|SENSATION. |
|SKIN-CONTACT MAY CAUSE IRRITATION. |
|INHALATION-MAY CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES. |
|INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, |
|AND DIARRHEA. ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL |
|PNEUMONITIS. |
|

|EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: |
|INHALATION-EXCESSIVE INHALATION MAY CAUSE IRRITATION TO THE UPPER |
|RESPIRATORY TRACT, DIZZINESS, NAUSEA AND OTHER CENTRAL NERVOUS |
|EFFECTS. |
|

LD 50 OF MATL.	LC 50 OF MATL.	EXPOSURE LIMIT(S)	IRRITANCY OF MATL
NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	SKIN AND EYE
			IRRITANT

|SENSITIZATION OF MATERIAL | SYNERGISTIC MATERIALS |
| NONE KNOWN | NONE KNOWN |

|CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: |
|NONE KNOWN. |
|

SECTION VII - PREVENTIVE MEASURES

|PERSONAL PROTECTIVE EQUIPMENT: |

| GLOVES: NONE FOR NORMAL USE. CHEMICAL RESISTANT AS REQUIRED. |
|RESPIRATORY: NONE FOR NORMAL USE. WHEN USED IN CONFINED AREAS OR FOR |
| PROLONGED EXPOSURES, USE APPROVED ORGANIC CANISTER OR |
| SELF-CONTAINED BREATHING APPARATUS. |
| EYE: CHEMICAL GOGGLES |
| FOOTWEAR: NO SPECIAL REQUIREMENTS. |
| CLOTHING: ADEQUATE TO PREVENT SKIN CONTACT. |
| OTHER: EYE WASH AND SAFETY SHOWER |
|ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL |
| VENTILATION TO MAINTAIN EXPOSURE LEVELS WITHIN ACCEPTABLE LIMITS. |

|LEAK AND SPILL PROCEDURE: REMOVE SOURCES OF IGNITION. ALLOW |
|PROPELLANT TO EVAPORATE. ABSORB ONTO INERT ABSORBANT. SWEEP UP AND |
|PLACE IN CONTAINER FOR DISPOSAL. WASH AREA TO REMOVE RESIDUAL |
|PRODUCT. |

|WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL |
|AND LOCAL REGULATIONS. DO NOT PUNCTURE OR INCINERATE. |



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SECTION VIII - FIRST AID MEASURES

| PROCEDURES: |
| EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING |
| EYELIDS OPEN. GET MEDICAL ASSISTANCE. |
| SKIN-REMOVE CONTAMINATED CLOTHING AND WASH THOROUGHLY WITH SOAP AND |
| WATER. CONTACT A PHYSICIAN IF IRRITATION PERSISTS. LAUNDER CLOTHING |
| BEFORE REUSE. |
| INHALATION-REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE |
| OXYGEN. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION |
| AND THEN GIVE OXYGEN. GET IMMEDIATE MEDICAL ASSISTANCE. |
| INGESTION-DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. |
SOURCES USED: RAW MATERIAL SUPPLIER'S MATERIAL SAFETY DATA SHEETS

ADDITIONAL INFORMATION: NONE

SECTION IX - TDG SHIPPING INFORMATION

| SHIPPING NAME | CLASS | UN NO. | PG |
| D.G. Safety Marks are in accordance with 49 CFR | | | |

| HANDLING PROCEDURES AND EQUIPMENT: AVOID CONTACT WITH EYES AND SKIN. |
| USE ONLY IN WELL-VENTILATED AREAS. DO NOT USE NEAR IGNITION SOURCES. |
DO NOT SMOKE. WASH THOROUGHLY AFTER HANDLING.
STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA
AWAY FROM OXIDIZING AGENTS. DO NOT STORE WHERE TEMPERATURES EXCEED
49 (C).

SPECIAL SHIPPING INFORMATION: NON-HEATED

SECTION X - HMIS HAZARD RATING INFORMATION

| FLAMMABILITY | REACTIVITY | HEALTH |
| 2 | 1 | 2 |

SECTION XI - PREPARATION DATE OF MSDS

| PREPARED BY: TECHNICAL DEPARTMENT | TELEPHONE # (905) 456-9444 |
| REVIEWED: OCTOBER 11, 2014 | REPLACES AUGUST 11, 2011 |

DISCLAIMER:

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