



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, D2B

MATERIAL REFERENCE NO: 652721

SECTION I - MATERIAL IDENTIFICATION AND USE

MATERIAL NAME/I.D.: TRB 527 (AEROSOL)	
CHEMICAL NAME: NOT APPLICABLE	CHEMICAL FAMILY: PRESSURIZED BLEND
CHEMICAL FORMULA: MIXTURE	MOLECULAR WEIGHT: NOT APPLICABLE
SYNONYMS: NONE	
MATERIAL USE: BATTERY TERMINAL PROTECTOR	

SECTION II - HAZARDOUS INGREDIENTS OF MATERIAL

HAZARDOUS INGREDIENTS	APPROX. % CONCENT.	TLV PPM	C.A.S. NUMBERS	LD 50 ORAL, RAT
MINERAL SPIRITS	10.0-30.0	100	8052-41-3	NO DATA
ISOPARAFFINIC HYDROCARBON	10.0-30.0	280	64741-66-8	NO DATA
LIQUIFIED PETROLEUM GAS	20.0-60.0	1000	68476-86-8	NO DATA

SECTION III - PHYSICAL DATA FOR MATERIAL

PHYSICAL STATE: AEROSOL		
ODOUR AND APPEARANCE (CONC.): DARK BROWN LIQUID; SOLVENT ODOUR.		
ODOUR THRESHOLD (PPM) NOT AVAILABLE	SPECIFIC GRAVITY CONCENTRATE 0.848	VAPOUR PRESSURE (MM) 50 PSIG AT 21 (C)
VAPOUR DENSITY (AIR=1) > 1	EVAPORATION RATE NOT AVAILABLE	SOLUBILITY IN WATER (20°C) SLIGHT
BOILING POINT (C) (CONC.) ~118	FREEZING POINT (C) NOT AVAILABLE	TOTAL VOC % ~76
pH (10% SOLUTION) NOT APPLICABLE	DENSITY (G/ML) NOT APPLICABLE	COEF.OF WATER/OIL DISTR NOT AVAILABLE



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 652721

SECTION IV - FIRE AND EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY: FLAMMABLE			
IF YES, UNDER WHICH CONDITIONS: OPEN FLAME, SPARK			
MEANS OF EXTINCTION: FOAM, CO2, DRY CHEMICAL.			
SPECIAL PROCEDURES: WEAR FULL PROTECTIVE GEAR INCLUDING SELF			
CONTAINED BREATHING APPARATUS. USE SHIELDING TO PROTECT FROM			
VENTING, RUPTURING OR BURSTING CONTAINERS. USE WATER FOG TO COOL			
FIRE EXPOSED CONTAINERS.			
FLASH POINT (C) AND METHOD: CONCENTRATE 19 (C) T.O.C.			
FLAME EXTENTION-EXTREMELY FLAMMABLE SPRAY.			
HAZARDOUS COMBUSTION PRODUCTS: CARBON DIOXIDE, CARBON MONOXIDE,			
UNIDENTIFIED ORGANICS, ALDEHYDES, SMOKE, IRRITATING FUMES.			
UPPER EXPLOSION LIMIT LOWER EXPLOSION LIMIT AUTOIGNITION TEMP(C)			
NOT AVAILABLE NOT AVAILABLE NOT AVAILABLE			
EXPLOSION DATA SENSITIVITY RATE OF BURNING EXPLOSIVE POWER			
TO CHEMICAL IMPACT PRESSURIZED CONTAINER			
NOT AVAILABLE NOT APPLICABLE 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 OXIDANTS			
REACTIVITY AND UNDER WHAT CONDITIONS: NOT KNOWN			
HAZARDOUS POLYMERIZATION WILL NOT OCCUR.			
HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION WILL GIVE			
CARBON DIOXIDE, CARBON MONOXIDE, ALDEHYDES, UNIDENTIFIED ORGANICS,			
SMOKE, IRRITATING FUMES.			

SECTION VI - HEALTH HAZARD DATA

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



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 652721

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:
EYES-CONTACT MAY MODERATE TO SEVERE IRRITATION, STINGING, TEARING, REDNESS, BLURRED VISION.
SKIN-FREQUENT OR PROLONGED CONTACT MAY CAUSE IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS.
INHALATION-MAY CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES.
INGESTION-CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING DIARRHEA, ABDOMINAL PAIN. ASPIRATION OF CHEMICAL INTO THE LUNGS MAY CAUSE CHEMICAL PNEUMONITIS.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:
INHALATION-EXCESSIVE INHALATION MAY CAUSE IRRITATION OF UPPER RESPIRATORY TRACT, ANESTHESIA, DIZZINESS, RAPID BREATHING, NARCOSIS, NAUSEA, DIZZINESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

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

SENSITIZATION OF MATERIAL NONE KNOWN	SYNERGISTIC MATERIALS NOT AVAILABLE
---	--

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

SECTION VII - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT:

GLOVES: IMPERVIOUS.
RESPIRATORY: SUITABLE NIOSH APPROVED RESPIRATOR IN CONFINED OR POORLY VENTILATED AREAS.
EYE: CHEMICAL GOGGLES.
FOOTWEAR: NO SPECIAL REQUIREMENTS.
CLOTHING: ADEQUATE WORK WEAR TO PREVENT CONTACT WITH SKIN.
OTHER: EYE WASH AND SAFETY SHOWER
ENGINEERING CONTROLS (EG VENTILATION, ENCLOSED PROCESS): LOCAL MECHANICAL EXHAUST TO MAINTAIN AIRBORNE CONCENTRATIONS WITHIN OCCUPATIONAL EXPOSURE GUIDELINES.

LEAK AND SPILL PROCEDURE: REMOVE ALL IGNITION SOURCES. VENTILATE AREA. ALLOW PROPELLANT TO EVAPORATE. ABSORB ONTO SUITABLE ABSORBENT. SWEEP UP AND PLACE IN DISPOSAL CONTAINER. WASH FLOOR TO REMOVE RESIDUAL CHEMICAL.

WASTE DISPOSAL: DISPOSE OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL AND LOCAL REGULATIONS.



MATERIAL SAFETY DATA SHEET

MATERIAL REFERENCE NO: 652721

SECTION VIII - FIRST AID MEASURES

PROCEDURES:
EYES-FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. IF IRRITATION PERSISTS, GET MEDICAL ASSISTANCE.
SKIN-WASH THOROUGHLY WITH SOAP AND WATER. GET MEDICAL ASSISTANCE IF IRRITATION PERSISTS.
INHALATION-REMOVE TO FRESH AIR. IF NOT BREATHING, ADMINISTER ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. GET MEDICAL ASSISTANCE.
INGESTION-IF SWALLOWED, DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON. 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 IN WELL-VENTILATED AREA. DO NOT HANDLE OR SPRAY NEAR IGNITION SOURCES. DO NOT SMOKE. WASH THOROUGHLY AFTER USING.			
STORAGE REQUIREMENTS: STORE IN A COOL, DRY, WELL-VENTILATED AREA. DO NOT STORE WHERE TEMPERATURES EXCEED 49 (C). DO NOT STORE IN DIRECT SUNLIGHT.			
SPECIAL SHIPPING INFORMATION: NON-HEATED			

SECTION X - HMIS HAZARD RATING INFORMATION

FLAMMABILITY	REACTIVITY	HEALTH
3	0	1

SECTION XI - PREPARATION DATE OF MSDS

PREPARED BY: TECHNICAL DEPARTMENT	TELEPHONE # (905) 456-9444
REVISED: NOVEMBER 15, 2013	REPLACES: FEBRUARY 5, 2010

DISCLAIMER:

THE INFORMATION CONTAINED HEREIN IS COMPILED FROM SOURCES BELIEVED TO BE RELIABLE. THE MANNER AND CONDITIONS OF USE AND HANDLING MAY INVOLVE OTHER AND ADDITIONAL CONSIDERATIONS. WE ACCEPT NO RESPONSIBILITY FOR THE ACCURACY, SUFFICIENCY, RELIABILITY OR FOR ANY LOSS OR INJURY RESULTING FROM THE USE OF THE INFORMATION.