

T&T PRISM PRODUCTS
 935 GRAHAM SIDEROAD, NEWMARKET ONTARIO
 CANADA, L3Y 4V9, ONTARIO
 (905) 775-8737
 (905) 669-9855

PRODUCT: 11111-BZ100 BRIGHT ZINC GALVANIZING SPRAY 369G**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER T&T PRISM PRODUCTS.
 935 GRAHAM SIDEROAD
 NEWMARKET, ONTARIO L3Y 4V9
 CANADA
 CANUTEC EMERGENCY #: 1-613-996-6666(24HR)

PRODUCT NAME..... 11111-BZ100 BRIGHT ZINC GALVANIZING SPRAY 369G
 CHEMICAL FAMILY..... EPOXY BASED COATING.
 MOLECULAR WEIGHT..... NOT APPLICABLE.
 CHEMICAL FORMULA..... MIXTURE.
 TRADE NAMES & SYNONYMS
 RECOMMENDED PRODUCT USES..... COATING.
 FORMULA/LAB BOOK #..... 99-3215B/002-16-95.

Section 02: HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION..... Warning.
 SIGNAL WORD..... Warning.
 HAZARD STATEMENTS Extremely flammable aerosol. Contains gas under pressure; may explode if heated. causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

PRECAUTIONARY STATEMENTS..... Keep away from heat/sparks/open flames/hot surfaces. -No smoking. Do not spray on open flame or other ignition source. Pressurized container. Do not pierce or burn, even after use. Wash hands thoroughly after handling. Avoid breathing gas/mist/vapour/spray. Use only outdoors or in well-ventilated area. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if feel unwell. If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Store locked up. Dispose of contents and container in accordance with all local, regional and international regulations. .

OTHER HAZARDS..... No additional information available.

Section 03: COMPOSITION/INFORMATION INGREDIENTS

Hazardous Ingredients	CAS #	Wt. %
ACETONE	67-64-1	10-30
ALUMINUM	7429-90-5	1-5
DIACETONE ALCOHOL	123-42-2	1-5
ETHYLBENZENE	100-41-4	0.5-1.5
ISOBUTANE	75-28-5	10-30
METHYL ETHYL KETONE	78-93-3	10-30
MINERAL SPIRITS	64742-47-8	1-5
PROPANE	74-98-6	7-13
TOLUENE	108-88-3	7-13
XYLENE	1330-20-7	1-5
ZINC ELEMENTAL	7440-66-6	7-13

PRODUCT: 11111-BZ100 BRIGHT ZINC GALVANIZING SPRAY 369G**Section 04: FIRST AID MEASURES**

EMERGENCY FIRST AID PROCEDURE IN CASE OF EYE CONTACT, FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. FOR SKIN, WASH THOROUGHLY WITH SOAP AND WATER. IF AFFECTED BY INHALATION OF VAPOUR OR SPRAY MIST, REMOVE TO FRESH AIR. IF SWALLOWED; DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION.

Section 05: FIRE FIGHTING MEASURES

FLAMMABILITY..... EXTREMELY FLAMMABLE.
 IF YES, UNDER WHICH CONDITIONS?..... EXCESSIVE HEAT, SPARKS AND OPEN FLAME.
 SPECIAL PROCEDURES..... WATER FROM FOGGING NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP IF EXPOSED TO EXTREME TEMPERATURES. FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARTATUS SHOULD BE WORN IN A FIRE INVOLVING THIS MATERIAL.

EXPLOSION DATA
 SENSITIVITY TO STATIC DISCHARGE. NOT APPLICABLE.
 SENSITIVITY TO IMPACT..... NOT APPLICABLE.

EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

HAZARDOUS COMBUSTION PRODUCTS..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION IS INCOMPLETE.

AEROSOL FLAME PROJECTION
 CLASSIFIED AS:..... >15cm BUT <100cm.
 FLASHBACK..... NONE.

Section 06: ACCIDENTAL RELEASE MEASURES

LEAK/SPILL..... REMOVE ALL SOURCES OF IGNITION. USE AN INERT ABSORBENT MATERIAL, AND NON-SPARKING TOOLS. VENTILATE AREA. PREVENT FROM ENTERING A WATERCOURSE.

Section 07: HANDLING AND STORAGE

STORAGE NEEDS..... KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.
 ENGINEERING CONTROLS..... VENTILATION - LOCAL (MECHANICAL IF USED INDOORS ON A CONTINUOUS BASIS).
 HANDLING PROCEDURES AND STORE IN A COOL, WELL VENTILATED AREA NOT TO EXCEED 50 DEG C.
 EQUIPMENT
 SYNERGISTIC MATERIALS..... NONE KNOWN.

Section 08: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	TWA	ACGIH TLV STEL	PEL	OSHA PEL STEL	REL	NIOSH
GLOVES/ TYPE.....						WEAR CHEMICAL RESISTANT GLOVES.
RESPIRATORY/TYPE.....						IF USED INDOORS ON A CONTINUOUS BASIS, USE OF A CARTRIDGE TYPE RESPIRATOR (NIOSH/MSHATC 23C OR EQUIVALENT) IS RECOMMENDED.
EYE/TYPE.....						SAFETY GLASSES.
FOOTWEAR/TYPE.....						NOT NORMALLY REQUIRED.
OTHER/TYPE.....						NOT REQUIRED.
EXPOSURE LIMIT OF MATERIAL.....						SEE ABOVE.

Section 09: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE..... AEROSOL.
 APPEARANCE..... BRIGHT ALUMINUM.
 ODOR..... AROMATIC ODOR.
 ODOR THRESHOLD..... NOT AVAILABLE.
 pH..... NOT APPLICABLE.
 FREEZING POINT: (°C)..... NOT AVAILABLE.
 BOILING POINT (°C)(CONC)..... 57-168.
 FLASH POINT(°C),TAG CLOSED-CUP LOWEST KNOWN VALUE IS ACETONE @-18C.
 (CONCENTRATE)
 EVAPORATION RATE..... GREATER THAN 1.
 n-BUTYL ACETATE = 1
 UPPER FLAMMABLE LIMIT..... 12.8.
 (% BY VOLUME)
 LOWER FLAMMABLE LIMIT..... 2.6.
 (% BY VOLUME)
 VAPOUR PRESSURE(PSIG)-AEROSOL..... 40 - 50.

PRODUCT: 11111-BZ100 BRIGHT ZINC GALVANIZING SPRAY 369G**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

@ 20 C
 VAPOUR DENSITY (AIR=1)..... GREATER THAN 1.
 (BY WEIGHT)
 SPECIFIC GRAVITY (AEROSOL)..... 0.79-0.83.
 SPECIFIC GRAVITY (LIQUID)..... 0.96-1.00.
 SOLUBILITY IN WATER g/L (20°C)..... NEGLIGIBLE.
 COEFFICIENT OF WATER/OIL DIST..... NOT AVAILABLE.
 AUTO IGNITION TEMPERATURE (°C)..... 465 - 527.
 AEROSOL PERCENT VOLATILE..... 81-82.
 (BY WEIGHT).

Section 10: STABILITY AND REACTIVITY

HAZARDOUS PRODUCTS OF
 DECOMPOSITION..... HYDROCARBON FUMES AND SMOKE. CARBON MONOXIDE WHERE COMBUSTION
 IS INCOMPLETE.
 CHEMICAL STABILITY:
 YES..... UNDER NORMAL CONDITIONS.
 NO, WHICH CONDITIONS?..... NOT APPLICABLE.
 COMPATIBILITY WITH OTHER
 SUBSTANCES:
 NO, WHICH ONES?..... STRONG OXIDIZING AGENTS.
 REACTIVITY CONDITIONS?..... NOT APPLICABLE.
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

Section 11: TOXICOLOGICAL INFORMATION

Ingredients	LC50-inh, rat	LD50-Oral, rat
ACETONE	>16,000 ppm (4 hr) INHAL - RAT	>9750 mg/kg ORAL - RAT
ALUMINUM	NOT AVAILABLE	NOT AVAILABLE
DIACETONE ALCOHOL	NOT ESTABLISHED	4000 mg/kg ORAL - RAT
ETHYLBENZENE	NOT AVAILABLE	5460 mg/kg ORAL-RAT
ISOBUTANE	142,500 ppm (4h) INHAL - RAT	NOT APPLICABLE
METHYL ETHYL KETONE	8000 ppm (8 hr) INHAL - RAT	3400 mg/kg ORAL - RAT
MINERAL SPIRITS	1400 ppm/4H INHAL - RAT	>5000 mg/kg ORAL - RAT
PROPANE	NOT AVAILABLE	>5000 mg/kg DERMAL-RABBITS
TOLUENE	8000 ppm (4 hr) INHAL - RAT	5000 mg/kg ORAL - RAT
XYLENE	6350 ppm (4 hr) INHAL - RAT	4.3 g/kg ORAL - RAT
ZINC ELEMENTAL	NOT AVAILABLE	NOT AVAILABLE
ROUTE OF ENTRY: INHALATION.....	INHALATION OF SOLVENTS MAY CAUSE IRRITATION. PROPELLANT IS A SIMPLE ASPHYXIANT.	
INGESTION.....	MAY CAUSE HEADACHE, NAUSEA, VOMITING AND WEAKNESS.	
EYE CONTACT.....	MAY CAUSE IRRITATION.	
SKIN CONTACT.....	MAY CAUSE IRRITATION.	
SKIN ABSORPTION.....	NO DATA AVAILABLE FOR THIS PRODUCT MIXTURE.	
EFFECTS OF ACUTE EXPOSURE.....	DIZZINESS, NAUSEA. IRRITATION TO SKIN & EYES.	
EFFECTS OF CHRONIC EXPOSURE.....	SOLVENTS MAY CAUSE DEFATTING DERMATITIS	
IRRITANCY OF MATERIAL.....	SKIN/EYE IRRITANT. METHYL ETHYL KETONE MAY CAUSE EMBRYOTOXIC EFFECTS IN LABORATORY ANIMALS.	
CARCINOGENICITY/MUTAGENICITY.....	XYLENE - THIS PRODUCT CONTAINS ETHYLBENZENE (ETHYLBENZENE IS IN XYLENE). ETHYLBENZENE HAS BEEN SHOWN TO CAUSE CANCER IN LABORATORY ANIMALS. TOXICITY TESTS CARRIED OUT FOR CHRONIC EFFECTS AND MUTAGENICITY HAVE BEEN NEGATIVE. THE RELEVANCE OF THIS FINDING TO HUMANS IS UNCERTAIN. IARC HAS CLASSIFIED ETHYBENZENE AS A POSSIBLE HUMAN CARCINOGEN.	
TERATOGENICITY.....	NO INFORMATION IS AVAILABLE AND NO ADVERSE TERATOGENIC EFFECTS ARE ANTICIPATED.	
REPRODUCTIVE EFFECTS.....	TOLUENE - PROLONGED AND REPEATED EXPOSURE OF PREGNANT ANIMALS TO TOLUENE (LEVELS GREATER THAN APPROXIMATELY 1500 ppm) HAS BEEN REPORTED TO CAUSE ADVERSE FETAL DEVELOPMENTAL EFFECTS. XYLENE - HIGH EXPOSURES TO XYLENE IN SOME ANIMAL STUDIES, OFTEN AT LEVELS TOXIC TO THE MOTHER, AFFECTED EMBRYO/FETAL DEVELOPMENT. THE SIGNIFICANCE OF THIS FINDING TO HUMANS IS NOT KNOWN.	

PRODUCT: 11111-BZ100 BRIGHT ZINC GALVANIZING SPRAY 369G**Section 11: TOXICOLOGICAL INFORMATION**

SENSITIZING CAPABILITY OF MATERIAL. UNKNOWN.

Section 12: ECOLOGICAL CONSIDERATIONS

ENVIRONMENTAL..... NOT AVAILABLE.

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL..... DO NOT PUNCTURE OR INCINERATE CONTAINERS, EVEN WHEN EMPTY. DISPOSE OF IN ACCORDANCE WITH LOCAL, PROVINCIAL AND FEDERAL REGULATIONS.

Section 14: TRANSPORTATION INFORMATIONT.D.G. CLASSIFICATION..... CONSUMER COMMODITY (AEROSOLS, UN1950, CLASS 2.1) .
D.O.T. CLASSIFICATION..... CONSUMER COMMODITY, ORM-D.**Section 15: REGULATORY INFORMATION**

CANADIAN REGULATIONS:

WHMIS CLASSIFICATION..... A,B5,D2A,D2B.
CNFC SECTION 3.3.5..... LEVEL 2.
CEPA (Canadian Environmental Protection ...
Act) ALL SUBSTANCES IN THIS PRODUCT ARE LISTED ON THE CANADIAN DOMESTIC
SUBSTANCES LIST (DSL) OR ARE NOT REQUIRED TO BE LISTED.

U.S. REGULATIONS:

HMIS RATING HEALTH..... 2 MODERATE HAZARD.
HMIS RATING FLAMMABILITY..... 4 SEVERE HAZARD.
HMIS RATING REACTIVITY..... 1 SLIGHT HAZARD.
HMIS RATING PERSONAL PROTECTION.. B.
NFPA CODE 30B..... LEVEL 2.
SARA 313 INFORMATION:..... THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCES SUBJECT TO THE
REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372:
. CAS #: CHEMICAL NAME:
. *108-88-3 TOLUENE
. *1330-20-7 XYLENE
. *100-41-4 ETHYL BENZENE
. *7429-90-5 ALUMINUM,
. * 7440-66-6 ZINCPOWDERED
ELEMENTAL
CALIFORNIA PROPOSITION 65:..... THE FOLLOWING STATEMENT IS MADE IN ORDER TO COMPLY WITH THE
CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986:
. WARNING: THIS PRODUCT CONTAINS A CHEMICAL
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR
OTHER REPRODUCTIVE HARM. . CAS #: CHEMICAL NAME:TSCA (Toxic Substances Control Act)..... ALL COMPONENT OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY. ANY
IMPURITIES PRESENT IN THIS PRODUCT ARE EXEMPT FROM LISTING.
V.O.C.(M.I.R.)..... COMPLIES WITH CARB MIR = 1.20 FOR FLAT PAINTS. COMPLIES WITH CARB MIR
=1.90 FOR METALLIC COATINGS .
VOC (w/w%)..... 64-65.**Section 16: OTHER INFORMATION**NOTICE FROM T&T PRISM PRODUCTS..... THE INFORMATION ON THIS MATERIAL SAFETY DATA SHEET IS PROVIDED BY T&T
SPRAY PAK INC. FREE OF CHARGE. WHILE BELIEVED TO BE RELIABLE, IT IS
INTENDED FOR USE BY SKILLED PERSONS AT THEIR OWN RISK. T&T SPRAY PAK
INC. ASSUMES NO RESPONSIBILITY FOR EVENTS RESULTING OR DAMAGES
INCURRED FROM ITS USE. THE INFORMATION ON THIS MATERIAL SAFETY DATA
SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND
DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN
ANY PROCESS.PREPARED BY..... Regulatory Affairs
PREPARATION DATE Sep10/17