

01028-XXXX

**T.J. RONAN PAINT CORP.
MATERIAL SAFETY DATA SHEET
FOR PROFESSIONAL GRAPHIC ARTS COATINGS**

SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: T.J. RONAN PAINT CORP.
749 EAST 135TH STREET
BRONX, NEW YORK 10454

INFORMATION PHONE: (718) 292-1100 **DATE:** 11/19/10

EMERGENCY PHONE: (800) 424-9300 CHEMTREC

PRODUCT CLASS: AQUA LEAF

PRODUCT CODE:

BRIGHT SILVER	BRASS
INCA GOLD	MAYAN GOLD
COPPER	BRONZE
AZTEC GOLD	DURANODIC BRONZE
RICH GOLD	METALLIC BLUE
METALLIC VIOLET	EMERALD GREEN
PATINA	PEARL
OYSTER WHITE	GUN METAL
WHITE (TINT BASE)	REAL GOLD
PLATINUM	STATUARY
TEAL	PENNY COPPER
SILVER GOLD	

SECTION II-A HAZARDOUS INGREDIENTS

ALL THE ABOVE PRODUCTS CONTAIN MICA (CAS #12001-26-2)

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
MICA	12001-26-2	5 - 20	3 mg/m3	N.E.	20 mg/m3	N.E.	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION II-B HAZARDOUS INGREDIENTS

ALL THE ABOVE PRODUCTS CONTAIN ETHYLENE GLYCOL MONOBUTYL ETHER (CAS #111-76-2)

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	1 - 5	25 PPM	50 PPM	50 PPM	N.E.	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

Page 1 of 6 bc

SECTION II-C HAZARDOUS INGREDIENTS

THE FOLLOWING PRODUCTS CONTAIN TITANIUM DIOXIDE (CAS #13463-67-7)

BRIGHT SILVER - BRASS - INCA GOLD - MAYAN GOLD - AZTEC GOLD - DURANODIC BRONZE
 RICH GOLD - METALLIC BLUE - METALLIC VIOLET - EMERALD GREEN - PATINA - PEARL
 OYSTER WHITE - GUN METAL - WHITE (TINT BASE) - REAL GOLD - PLATNUM - STATUARY - TEAL
 SILVER GOLD

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
TITANIUM DIOXIDE	13463-67-7	1 - 10	10 mg/M3	N.E.	15 mg/M3	N.E.	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION II-D HAZARDOUS INGREDIENTS

THE FOLLOWING PRODUCTS CONTAIN N-METHYL-2-PYRROLIDONE (CAS #872-50-4)

BRIGHT SILVER - BRASS - INCA GOLD - MAYAN GOLD - COPPER - BRONZE - AZTEC GOLD
 DURANODIC BRONZE - RICH GOLD - METALLIC BLUE - METALLIC VIOLET - EMERALD GREEN
 PATINA - PEARL - OYSTER WHITE - GUN METAL - WHITE (TINT BASE) - REAL GOLD
 PLATINUM - STATUARY - TEAL - PENNY COPPER

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
N-METHYL-2 PYRROLIDONE	872-50-4	1 - 5	N.E.	N.E.	N.E.	N.E.	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION II-E HAZARDOUS INGREDIENTS

THE FOLLOWING PRODUCTS CONTAIN IRON (III) OXIDE (CAS# 1309-37-1)

INCA GOLD - COPPER - BRONZE - AZTEC GOLD - DURANODIC BRONZE - STATUARY
 PENNY COPPER

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
IRON (III) OXIDE	1309-37-1	1 - 10	5 mg/M3	N.E.	5 mg/m3	N.E.	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION II-F HAZARDOUS INGREDIENTS

THE FOLLOWING PRODUCTS CONTAIN TRIME-1,3-PENTANEDIOL MONOISOBUTYRATE
(CAS #25265-77-4)

SILVER GOLD

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
TRIME-1,3-PENTANEDIOL MONOISOBUTYRATE	25265-77-4	1-5	N.E.	N.E.	N.E.	N.E.	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION II-G HAZARDOUS INGREDIENTS

THE FOLLOWING PRODUCTS CONTAIN ETHYLENE GLYCOL MONOPROPYL ETHER
(CAS #2807-30-9)

SILVER GOLD

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL-CEILING	SKIN
ETHYLENE GLYCOL MONOPROPYL ETHER	2807-30-9	1-5	NO INFO	NO INFO.	NO INFO	NO INFO	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION III - PHYSICAL DATA

BOILING RANGE: 212° F – 395° F
ODOR: LOW
APPEARANCE: METALLIC LIQUID

SOLUBILITY IN H₂O: WATER SOLUBLE
VOLATILE BY WEIGHT: - 52.0% - 60.4%

VOC: - 192 TO 235 GRAMS/LITER

VAPOR DENSITY: HEAVIER THAN AIR
SPECIFIC GRAVITY: 1.1349 TO 1.1858
EVAPORATION RATE: SLOWER THAN BUTYL ACETATE

VOLATILE BY VOLUME: - 68.9% - 71.8%

SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N. A. **LEL:** 1.1% **UEL:** 10.6%

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: MATERIAL CAN SLATTER ABOVE 100° C/ 212° F. POLYMER FILM CAN BURN.

SPECIAL FIREFIGHTING PROCEDURES: DO NOT BREATHE FUMES. WEAR SELF CONTAINED BREATHING APPARATUS (PRESSURE DEMAND, MSHA/NOISH-APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR. WATER MAY SPREAD FIRE. WATER SPRAY SHOULD BE USED TO COOL CONTAINERS EXPOSED TO FIRE.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION: VAPOR OR SPRAY MIST CAN CAUSE HEADACHE, NAUSEA, DIZZINESS, IRRITATION OF THE NOSE, THROAT AND LUNGS.

SKIN CONTACT: REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION, DEFATTING AND DERMATITIS.

EYE CONTACT: LIQUID CONTACT CAUSES IRRITATION, REDNESS, TEARING, BLURRED VISION.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NECESSARY. GET MEDICAL ATTENTION.

SKIN CONTACT: REMOVE SATURATED CLOTHING. WASH WITH SOAP AND WATER. SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS. LAUNDRER SATURATED CLOTHING AND CLEAN SHOES BEFORE REUSE.

EYE CONTACT: FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 3 TO 4 GLASSES OF WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

PRIMARY ROUTES OF ENTRY: INHALATION, INGESTION, SKIN.

SECTION VI - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: MAY PRODUCE TOXIC FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE AND/OR CARBON DIOXIDE. DECOMPOSITION IS DEPENDENT ON TIME AND TEMPERATURE.

CONDITIONS TO AVOID: ONSET OF DECOMPOSITION IS 177° C / 350° F.

INCOMPATIBILITY: ISOLATE FROM OXIDIZERS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR UNDER NORMAL CONDITIONS.

STABILITY: THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FLOOR MAY BE SLIPPERY. USE CARE TO AVOID FALLING. TAKE UP WITH INERT ABSORBENT MATERIAL AND SEAL TIGHTLY FOR PROPER DISPOSAL. TRANSFER LIQUID TO CONTAINERS FOR PROPER RECOVERY OR DISPOSAL AND TRANSFER SOLID DIKING MATERIAL TO SEPARATE CONTAINERS FOR DISPOSAL. KEEP SPILLS AND CLEANING RUNOFF OUT OF MUNICIPAL SEWERS AND OPEN BODIES OF WATER.

WASTE DISPOSAL METHOD: DISPOSE OF PRODUCT IN ACCORDANCE WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE. WEAR RESPIRATOR TO AVOID BREATHING SPRAY MIST OR FUMES OR IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL LIMITS (SECTION II). USE A NOISH - APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

VENTILATION: USE VENTILATION AS REQUIRED TO CONTROL VAPOR CONCENTRATIONS.

PROTECTIVE GLOVES: WEAR IMPERVIOUS CHEMICAL RESISTANT GLOVES.

EYE PROTECTION: WEAR CHEMICAL RESISTANT GOGGLES TO PREVENT EYE CONTACT.

OTHER PROTECTIVE EQUIPMENT: WEAR PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT. EYE WASH STATION SHOULD BE AVAILABLE.

HYGIENIC PRACTICES: WASH WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE REUSING.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: AVOID CONTACT WITH VAPORS, FUMES AND SPRAY MIST. USE ONLY IN WELL VENTILATED AREA. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM STRONG OXIDIZING AGENTS IN A COOL DRY PLACE WITH ADEQUATE VENTILATION. STORAGE TEMPERATURE MINIMUM 40° F - MAXIMUM 90° F. KEEP FROM FREEZING

OTHER PRECAUTIONS: WHEN USING DO NOT EAT, DRINK OR SMOKE. UNIFORMS OR CLOTHING CONTAINING PAINT RESIDUE SHOULD NOT BE LAUNDERED WITH HOUSEHOLD GARMENTS. DO NOT TAKE INTERNALLY. OBSERVE LABEL PRECAUTIONS.

SECTION X - REGULATORY INFORMATION

SARA NOTIFICATION

TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) HAS CREATED NEW REPORTING REQUIREMENTS FOR COMPANIES THAT HANDLE CERTAIN CHEMICALS AND CHEMICAL CATEGORIES. THE FOLLOWING IS A LIST OF CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SARA (40 CFR PART 372) AND THE PRODUCTS THAT CONTAIN THOSE CHEMICALS.

1). **N-METHYL-2-PYRROLIDONE** (CAS #872-50-4) (SEE PAGE 2 SECTION II-D FOR PRODUCT NAMES AND %).

2). **ETHYLENE GLYCOL MONOBUTYL ETHER** (CAS #111-76-2) (SEE PAGE 2 SECTION II-B FOR PRODUCT NAMES AND %).

CALIFORNIA PROPOSITION 65

WARNING: THESE PRODUCTS AND THE CONTAINERS THEY ARE IN MAY CONTAIN DETECTABLE AMOUNTS OF ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE SPECIFIC INFORMATION REQUEST THE CALIFORNIA VERSION MATERIAL SAFETY DATA SHEET ON INDIVIDUAL PRODUCTS.

LEGEND: N. A. - NOT APPLICABLE N. E. - NOT ESTABLISHED
 N. D. - NOT DETERMINED

THE INFORMATION CONTAINED HEREIN IS, TO THE BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE. HOWEVER SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.