

T. J. RONAN PAINT CORP.
SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

MANUFACTURER'S NAME: T.J. RONAN PAINT CORP.
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DATE: 6/12/15

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PRODUCT CLASS: **AQUACOTE**

PRODUCT CODE:

WB021 BLACK	WB143 PROCESS GREEN
WB101 WHITE	WB148 DARK GREEN
WB102 FIRE RED	WB152 LIGHT BLUE
WB104 BRIGHT RED	WB154 PROCESS BLUE
WBWB107 IMITATION GOLD	WB155 REFLEX BLUE
WB108 MAROON	WB156 BRILLIANT BLUE
WB114 MEDIUM BROWN	WB162 PURPLE
WB116 IVORY	WB164 PROCESS PURPLE
WB124 MEDIUM ORANGE	WB166 MAGENTA
WB130 PRIMROSE YELLOW	WB2202 WHITE-WHITE
WB132 LEMON YELLOW	WBCL CLEAR BASE - GLOSS
WB142 EMERALD GREEN	WBFL FLATTENING CLEAR

SECTION 2A HAZARDOUS INGREDIENTS

ALL THE ABOVE PRODUCTS CONTAINS 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	< 5	25 PPM	50 PPM	50 PPM.	N. E.	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION 2B HAZARDOUS INGREDIENTS

ALL THE ABOVE PRODUCTS CONTAINS ETHYLENE GLYCOL MONOPROPYL ETHER
(CAS #2807-30-9)

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL -CEILING	SKIN
ETHYLENE GLYCOL 3 MONOPROPYL ETHER	2807-30-9	< 4	NO INFO	NO INFO	NO INFO.	NO INFO	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION 2C HAZARDOUS INGREDIENTS

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

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

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION 2D HAZARDOUS INGREDIENTS

THE FOLLOWING PRODUCTS CONTAIN TITANIUM DIOXIDE (CAS #13463-67-7)
 WB101 WHITE - WB116 IVORY - WB124 MEDIUM ORANGE - WB130 PRIMROSE YELLOW
 WB132 LEMON YELLOW - WB142 EMERALD GREEN – WB143 PROCESS GREEN - WB152 LIGHT BLUE
 WB154 PROCESS BLUE - WB156 BRILLIANT BLUE - WB164 PROCESS PURPLE - WB166 MAGENTA
 WB2202 WHITE - WHITE

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL -CEILING	SKIN
TITANIUM DIOXIDE	13463-67-7	1 - 30	10 mg/M3	NO INFO	15 mg/M3	15 mg/M3	NO

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION 2E HAZARDOUS INGREDIENTS

THE FOLLOWING PRODUCT CONTAINS AMORPHOUS FUMED SILICA (CAS #112945-52-5).
 WBFL FLATTENING CLEAR

CHEMICAL NAME	CAS #	WEIGHT %	EXPOSURE LIMITS				
			(TLV-TWA)	TLV-STEL	PEL-TWA	PEL -CEILING	SKIN
AMORPHOUS NO PYROGENIC SILICA	112945-52-5	< 6	0.8 MG/M3	N.E.	N. E.	N. E.	

(SEE SECTION X FOR ABBREVIATION LEGEND)

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Warning! May cause skin irritation and/or dermatitis. Harmful if inhaled. Harmful if absorbed through skin. Harmful if swallowed. Vapors are irritating to eyes and respiratory tract. These products may contain pigments which may become a dust nuisance when removed by abrasive blasting, sanding or grinding.

PRIMARY ROUTES OF EXPOSURE: Skin contact, Inhalation, Ingestion, Eye contact.

EFFECTS OF OVEREXPOSURE

EYE CONTACT: Moderately irritating to eyes.

SKIN CONTACT: Repeated contact may cause irritation, defatting, and dermatitis.

INHALATION: Harmful if inhaled. Inhalation of vapors in high concentration may cause respiratory irritation. Inhalation of high vapor concentration can cause CNS-depression and narcosis.

INGESTION: Can cause irritation of the digestive tract, nausea, vomiting, and diarrhea. In severe cases ingestion can be fatal.

Target Organs: Eyes, Central Vascular System (CVS), Kidney Liver, Central Nervous System (CNS)

SECTION 4 – FIRST AID MEASURES

EYE CONTACT: Move individual away from exposure. Immediately flush with large quantities of water for 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Remove saturated clothing. Wash with soap and water. Seek medical attention if irritation develops. Wash saturated clothing and clean shoes before reuse.

INHALATION: Remove victim to fresh air. Keep warm and quiet. If not breathing give artificial respiration. Get medical attention immediately.

INGESTION: Do not induce vomiting. Give victim a glass of water. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

SECTION 5 - FIREFIGHTING MEASURES

FLASH POINT: Not applicable.

EXTINGUISHING MEDIA: Water spray, Dry chemical, Carbon dioxide, Foam.

HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x).

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may rupture when exposed to extreme heat. Harmful vapors.

FLAMMABLE PROPERTIES: Not applicable.

SPECIAL FIREFIGHTING PROCEDURES: Wear a self contained breathing apparatus (pressure demand, NIOSH/MSHA approved or equivalent) and full protective gear. Thoroughly decontaminate all protective equipment after use. Keep unnecessary people away. Isolate area. Water spray may be used to cool containers exposed to fire. Do not breathe fumes. Overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ventilate the area. Ensure adequate ventilation. Do not breathe fumes. If exposure may or does exceed occupational exposure limits (see Section 2) use a NIOSH/MSHA approved respirator to prevent overexposure. Avoid contact with eyes and skin. Wear suitable protective gloves, clothing and eye/face protection. Floor may be slippery. Use caution to prevent falling. Keep people away from spill.

ENVIRONMENTAL PRECAUTIONS: Prevent spill from contaminating soil. Do not let product enter sanitary systems or drains. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

METHOD FOR CLEANING UP: Dike and contain spill with inert absorbent material and place in appropriate waste container.

WASTE DISPOSAL METHOD: Dispose of product in accordance with local, county, state and federal regulations.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Respiratory protection: Do not breathe fumes, spray mists or vapors (see Section 3 for effects of inhalation). Use natural or local ventilation as required to insure that vapor concentrations are kept below exposure limits. If exposure may or does exceed occupational exposure limits (Section 2) use a NOISH/MSHA approved respirator to prevent overexposure.

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.

Other precautions: Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Do not take internally. When using do not eat, drink or smoke. Observe label precautions.

Hygienic practices: Wash with soap and water after handling and before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reusing. Uniforms or clothing containing paint residue should not be laundered with household garments.

STORAGE: Keep from freezing. Keep containers tightly closed. Store in a cool dry place with adequate ventilation. Storage Temperature Minimum 50° F - Maximum 80° F.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: General ventilation is recommended. Additional local exhaust is recommended where dusts, mists or vapors may be released.

RESPIRATORY PROTECTION: If exposure may or does exceed occupational exposure limits (Section 2) use a NOISH/MSHA approved respirator with organic vapor cartridge to prevent overexposure.

SKIN PROTECTION: Wear impervious chemical resistant gloves. Wear protective clothing as required to prevent skin contact.

EYE PROTECTION: Wear chemical resistant goggles to prevent eye contact.

HYGIENIC PRACTICES: Wash with soap and water after handling and before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse.

OTHER PRECAUTIONS: Avoid breathing vapors. Avoid contact with eyes, skin and clothing. Do not take internally. Observe label precautions.

SECTION 9 - PHYSICAL DATA

BOILING RANGE: 212° F - 340° FODOR: LOWAPPEARANCE: OPAQUE LIQUIDSOLUBILITY IN H₂O: WATER SOLUBLEVOLATILE BY WEIGHT: 44.2 - 58.7%DENSITY: - SEE BELOW.VOC INFO: - SEE BELOW.VAPOR DENSITY: HEAVIER THAN AIRSPECIFIC GRAVITY: - SEE BELOW.EVAPORATION RATE: SLOWER THAN BUTYL ACETATEVOLATILE BY VOLUME: 55.9 - 63.1%

	PRODUCT NAME	WEIGHT/ GAL.	SPECIFIC GRAVITY	VOC LBS./GAL	VOC GR./LITER
WB021	BLACK	8.91	1.0680	1.46	175
WB101	WHITE	10.35	1.2406	1.45	174
WB102	FIRE RED	8.82	1.0572	1.25	150
WB104	BRIGHT RED	8.84	1.0596	1.41	169
WB107	IMITATION GOLD	10.44	1.2513	1.33	159
WB108	MAROON	9.50	1.1387	1.34	160
WB114	MEDIUM BROWN	9.36	1.1219	1.51	181
WB116	IVORY	10.39	1.2454	1.44	172
WB124	MEDIUM ORANGE	9.31	1.1159	1.21	145
WB130	PRIMROSE YELLOW	9.32	1.1171	1.40	168
WB132	LEMON YELLOW	9.33	1.1183	1.41	169
WB142	EMERALD GREEN	8.99	1.0776	1.44	173
WB143	PROCESS GREEN	9.58	1.1483	1.09	130
WB148	DARK GREEN	8.95	1.0728	1.35	162
WB152	LIGHT BLUE	8.93	1.0704	1.48	177
WB154	PROCESS BLUE	9.46	1.1339	1.38	165
WB155	REFLEX BLUE	8.86	1.0620	1.48	177
WB156	BRILLIANT BLUE	8.80	1.0548	1.40	168
WB162	PURPLE	8.88	1.0644	1.48	177
WB164	PROCESS PURPLE	9.38	1.1243	1.07	128
WB166	MAGENTA	9.40	1.1267	1.44	172
WB2202	WHITE-WHITE	10.35	1.2406	1.45	174
WBCL	CLEAR - GLOSS	8.60	1.0308	1.79	214
WBFL	FLATTENING CLEAR	8.80	1.0548	1.65	198

SECTION 10 – STABILITY AND REACTIVITY

STABILITY: This product is stable under normal conditions.

CONDITIONS TO AVOID: Freezing temperature. Contamination by those materials referred to under incompatible materials.

INCOMPATIBLE MATERIALS: Strong acids. Strong bases. Strong oxidizing agents. Reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide. Carbon dioxide (CO₂). Hydrocarbons. Nitrogen oxides (NO_x).

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

SECTION 11 - TOXICOLOGICAL INFORMATION

No toxicological studies have been conducted on this product.

SECTION 12 - ECOLOGICAL INFORMATION

No studies have been conducted on this product.

SECTION 13 - DISPOSAL INFORMATION

Dispose of in accordance with local, state and federal regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT - Not regulated. **IMDG/IMO** - Not regulated. **IATA** - Not regulated.

SECTION 15 – REGULATORY INFORMATION

SARA NOTIFICATION

Title III of the superfund amendments and reauthorization act (SARA) has created 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). ETHYLENE GLYCOL MONOBUTYL ETHER (CAS #111-76-2) (See page 2, Section 2A for product names and %).
- 2). ETHYLENE GLYCOL MONOPROPYL ETHER (CAS #2807-30-9) (See page 2, Section 2B 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.

SARA TITLE III SECTION 313 NOTIFICATION

This product contains no chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act.

OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

This product is hazardous as defined. See Section 2 for the hazardous ingredients in this product.

SARA HAZARD CATEGORIES (311/312)

Immediate (Acute) Health Hazard. Delayed (Chronic) Health Hazard.

SECTION 16 - OTHER INFORMATION

VOLATILE ORGANIC COMPOUNDS (VOCS) – See Section 9.

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.