

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

1. Product Identification

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

INFORMATION PHONE: (718) 292-1100

DATE: 6/2/17

EMERGENCY PHONE: (800) 424-9300 CHEMTREC

PRODUCT CLASS: **AQUACOTE**

<u>PRODUCT CODE:</u>	WB021 BLACK	WB143 PROCESS GREEN
	WB101 WHITE	WB148 DARK GREEN
	WB102 FIRE RED	WB152 LIGHT BLUE
	WB104 BRIGHT RED	WB154 PROCESS BLUE
	WB107 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

2. Hazards Identification

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

GHS Classification

Serious Eye Damage/Eye Irritation - Category 2A

Skin Sensitization - Category 1

Aspiration Hazard - Category 1

GHS Label Elements

Hazard pictograms:



Signal Word Warning!

Hazard Statements: Harmful if inhaled.
 May be fatal if swallowed and enters airways.
 May cause skin irritation.
 Causes serious eye irritation.
 Vapors are irritating to eyes and respiratory tract.

Precautionary Statements - Prevention:

Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Wear protective gloves and clothing. Wear eye and face protection.
 If exposed or concerned, get medical attention.
 Keep containers tightly closed.

Precautionary Statements - Response:

Ingestion: Seek medical attention immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

Skin Contact: IF ON SKIN (or hair): Take off all contaminated clothing immediately. Wash with plenty of soap and water. Seek medical attention if irritation develops. Wash saturated clothing and clean shoes before reuse.

Inhalation: IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a doctor or emergency medical facility (i.e. 911). . Give artificial respiration if necessary.

Eye Contact: Immediately flush with large quantities of water for 15 minutes. Remove contacts if present and easy to do. Continue rinsing. If irritation persists, seek medical attention.

Fire: IN CASE OF FIRE: Extinguishing media: carbon dioxide, dry chemical, foam.

Precautionary Statements - Storage

Store locked up. Keep containers tightly closed. Store away from strong oxidizing agents in a cool dry place with adequate ventilation.

Precautionary Statements - Disposal:

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

3A. Composition/ Information on Ingredients

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

CHEMICAL NAME	CAS #	WEIGHT %	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL - CEILING
ETHYLENE GLYCOL MONOBUTYL ETHER	111-76-2	< 5	25 PPM.	50 PPM	50 PPM.	N. E.

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

3B. Composition/ Information on Ingredients

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

CHEMICAL NAME	CAS #	WEIGHT %	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL - CEILING
ETHYLENE GLYCOL MONOPROPYL ETHER	2807-30-9	< 4	NO INFO	NO INFO	NO INFO	NO INFO

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

3C. Composition/ Information on Ingredients

THE FOLLOWING PRODUCT CONTAIN TITANIUMDIOXIDE (CAS# 1343-67-7)

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 %	ACGIH TLV-TWA	ACGIH TLV-STEL	OSHA PEL-TWA	OSHA PEL - CEILING
TITANIUM DIOXIDE	13463-67-7	1 - 30	10 mg/M3	N. E.	15 mg/M3	N. E.

(SEE SECTION 16 FOR ABBREVIATION LEGEND)

4. First Aid Measures

If ingestion, irritation, any type of over-exposure or symptoms of over-exposure occur during or persists after use of this product, contact a POISON CONTROL CENTER, EMERGENCY ROOM OR PHYSICIAN immediately. Have the Safety Data Sheet information available. Never give anything by mouth to an unconscious or convulsing person.

Eye Contact: Immediately flush eyes with large quantities of water for at least 15 minutes. Then remove contact lenses if possible, and continue eye irrigation for not less than 15 minutes. Get medical attention.

Inhalation: Remove victim to fresh air far from further exposure. Keep person warm and at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Skin Contact: Wash with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Continue to rinse skin for at least 10 minutes. Wash contaminated clothing and clean shoes before reuse.

Ingestion: If swallowed, get medical attention immediately. Remove victim to fresh air. Keep person warm and at rest in a position comfortable for breathing. Do not induce vomiting without medical advice. If vomiting occurs, the head should be kept low so the vomit does not enter the lungs. Never give anything by mouth to an unconscious or convulsing person.

MOST IMPORTANT SYMPTOMS/EFFECTS

Potential Acute Health Effects

Eye Contact: No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin Contact: May cause an allergic skin reaction..

Ingestion: No known significant effects or critical hazards.

Over-exposure Signs/Symptoms

Eye Contact: No specific data.

Inhalation: No specific data.

Skin Contact: Adverse symptoms may include the following: Skin dryness, cracking and irritation.

Ingestion: No specific data.

Indication of Immediate Medical Attention and Special Treatment Needed, If Necessary

Notes to Physician: Treat symptomatically. Contact poison specialist immediately if large quantities have been ingested or inhaled.

Specific Treatments: No specific treatment.

Protection of First-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA

Suitable Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable Extinguishing Media: None known.

Special Hazards Arising From the Chemical: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous Thermal Decomposition Products: Carbon dioxide, carbon monoxide, nitrogen oxides.

Protective Actions for Firefighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Protective Equipment for Firefighters: Firefighters should wear appropriate protective equipment and a self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures

For Non-emergency Personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Floor may be slippery. Use caution to prevent falling.

Avoid breathing vapor or mist. Provide adequate ventilation Wear appropriate respirator when ventilation is adequate. Put on appropriate personal protective equipment.

For Emergency Responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information "For Non-emergency Personnel".

Environmental Precautions: Avoid dispersal of spilled material and runoff. Avoid contact with soil, waterways, drains and sewers. Inform relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and Materials for Containment & Cleaning Up

Methods for Containment: Stop leak if without risk. Move containers from spill area. Dike and contain spill with inert absorbent material. Prevent spilled material from 1) contaminating soil 2) entering sanitary sewers, storm sewers and drainage systems and 3) from entering bodies of water or ditches that lead to waterways.

Methods for Clean-up: Absorb spilled material with an inert dry material and place in an appropriate waste disposal container. Contaminated absorbent material may pose the same hazard as the spilled product. Dispose of product in accordance with local, county, state and federal regulations

7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING

Protective Measures: Put on appropriate protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container. Keep tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Special Precautions: Ingestion of product or cured coating may be harmful.

Hygienic Practices: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face with soap and water after handling and before eating, drinking, smoking or using toilet facilities. Remove contaminated clothing and protective equipment before entering eating areas. Launder contaminated clothing before reusing. Uniforms or clothing containing paint residue should not be laundered with household garments. See also Section 8 for additional information on hygiene measures.

Conditions for Safe Storage Including Any Incompatibilities: Do not store below 41°F (5°C). Do not store above 90°F (32°C). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool, well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep containers tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and be kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure Controls/Personal Protection

Control Parameters

Occupational Exposure Limits: See Section 3.

Appropriate Engineering Controls: If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental Exposure Controls: Emissions from ventilation or work process equipment should be checked to insure that they comply with the requirements of environmental protection legislation.

Individual Protection Measures

Hygiene Measures: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands, forearms and face thoroughly with soap and water after handling chemical products, before eating, drinking, smoking and using toilet facilities and at the end of working periods. Appropriate techniques should be used to remove potentially contaminated clothing and protective equipment.. Launder contaminated clothing before reusing. Uniforms or clothing containing residue should not be laundered with household garments. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates that this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety goggles with side shields.

Skin Protection

Hand Protection: Chemical-resistant impervious gloves compliant with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by glove manufacturers, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body Protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other Skin Protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory Protection: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training and other important aspects of use.

9. Physical and Chemical Properties

Appearance:	Liquid
Odor:	Mild
Odor threshold:	Not available
pH:	Not available
Melting point:	Not available
Boiling point:	Not available
Flash point:	Not Applicable
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Flammability (solid, gas):	Not available
Evaporation rate:	Not available
Vapor pressure:	Not available
Vapor density:	Not available
Solubility in H ₂ O:	Yes

	PRODUCT NAME	WEIGHT/ GAL.	SPECIFIC GRAVITY	VOC GR./LITER
WB021	BLACK	8.91	1.0680	211
WB101	WHITE	10.35	1.2406	191
WB102	FIRE RED	8.82	1.0572	197
WB104	BRIGHT RED	8.84	1.0596	204
WB107	IMITATION GOLD	10.44	1.2513	183
WB108	MAROON	9.50	1.1387	204
WB114	MEDIUM BROWN	9.36	1.1219	213
WB116	IVORY	10.39	1.2454	189
WB124	MEDIUM ORANGE	9.31	1.1159	170
WB130	PRIMROSE YELLOW	9.32	1.1171	199
WB132	LEMON YELLOW	9.33	1.1183	198
WB142	EMERALD GREEN	8.99	1.0776	214
WB143	PROCESS GREEN	9.58	1.1483	215
WB148	DARK GREEN	8.95	1.0728	214
WB152	LIGHT BLUE	8.93	1.0704	210
WB154	PROCESS BLUE	9.46	1.1339	209
WB155	REFLEX BLUE	8.86	1.0620	209
WB156	BRILLIANT BLUE	8.80	1.0548	207
WB162	PURPLE	8.88	1.0644	210
WB164	PROCESS PURPLE	9.38	1.1243	209
WB166	MAGENTA	9.40	1.1267	223
WB2202	WHITE-WHITE	10.35	1.2406	192
WBCL	CLEAR - GLOSS	8.60	1.0308	224
WBFL	FLATTENING CLEAR	8.80	1.0548	216

10. Stability and Reactivity

Reactivity: No specific data related to reactivity available for this product or its ingredients

Chemical Stability: This product is stable under normal conditions.

Possibility of Hazardous Reaction: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid: No specific data.

Incompatible materials: No specific data.

Hazardous

Decomposition Products: No specific data.

11. Toxicological Information

No toxicological studies have been conducted on this product.

12. Ecological Information

No studies have been conducted on this product.

13. Disposal Information

Waste Disposal Method: Dispose of in accordance with local, state and federal regulations.

14. Transportation Information

Land Transport (DOT)

Proper Shipping Name	Paint
Transport Hazard Class	3
UN Number	1263
Packaging Group	III

Additional Information

DOT: This product may be re-classified as “Combustible Liquid” unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gallons) of combustible liquids are not regulated as hazardous materials in package sizes less than the product reportable quantity.

Sea Transport (IMO/IMDG)

Proper Shipping Name	Paint
Transport Hazard Class	3
UN Number	1263
Packaging Group	III

Air Transport (ICAO/IATA)

Proper Shipping Name	Paint
Transport Hazard Class	3
UN Number	1263
Packaging Group	III

15. Regulatory Information

TSCA: United States - All components are listed or exempt.

SARA 311/312

Classification: Immediate (acute) health hazard
Delayed (chronic) health

SARA 313

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.

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight% (max)</u>
Ethylene glycol monobutyl ether	111-76-2	See Section 3A
Ethylene glycol monopropyl ether	2807-30-9	See Section 3B
Titanium Dioxide	13463-67-7	See Section 3C

OSHA HAZARD COMMUNICATION STANDARD, 29 CFR 1910.1200

This product is hazardous as defined. See Section 3 for the hazardous ingredients in this product.

CALIFORNIA PROPOSITION 65

WARNING: These products and the containers they are in contain detectable amounts of one or more chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

16. Other Information

Volatile Organic Compounds - See Section 9.

LEGEND: N. A. - Not applicable N. E. - Not established
N. D. - Not determined

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