SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: JAPAN COLOR

MANUFACTURER:
COVENTRY COATINGS CORP.
dba Ronan Paints
89 Taft Ave.
Newburgh, NY 12550
USA: 1-800-307-7951 or (845) 562-5666

EMERGENCY CONTACT FOR SPILL, FIRE, EXPLOSION:
CHEM-TREC 1-800-424-9300

PRODUCT CODES:

J305	REFINED LAMPBLACK	J306	DROPBLACK C	J313	C.P. GREEN M
J316	C.P. GREEN L	J319	CHROME YELLOW LL	J321	CHROME YELLOW M
J322	CHROME YELLOW O	J328	FRENCH YELLOW OCHRE	J340	COBALT BLUE
J350	PRUSSIAN BLUE	J353	ULTRAMARINE BLUE	J354	BURNT SIENNA
J355	BURNT UMBER	J358	RAW SIENNA	J359	RAW UMBER
J3615	SOLID COVERING LAMPBLACK	J363	VAN DYKE BROWN	J3754	POSTER RED
J3787	FLAKE WHITE	J3836	PERMANENT BLUE	J388	C.P. GREEN D
J4026	ROSE PINK	J421	AMERICAN VERMILION	J434	LIBERTY RED M
J435	TURKEY RED	J441	VENETIAN RED	J491	BULLETIN RED
J536	EMERALD GREEN	J691	FRENCH ZINC WHITE	J692	PERMANENT STRIPING WHITE
J818	SIGNCRAFT RED				

SECTION 2: HAZARD IDENTIFICATION

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Classification:

FLAMMABLE LIQUIDS:	Category 3
ASPIRATION HAZARD:	Category 1
ACUTE TOXICITY: Dermal	Category 4
ACUTE TOXICITY: Inhalation	Category 4
ACUTE TOXICITY: Oral	Category 4
CARCINOGENICITY:	Category 2
EYE IRRITATION:	Category 2A
REPRODUCTIVE TOXICITY:	Category 2
SKIN IRRITATION:	Category 2
SPECIFIC TARGET ORGAN TOXICITY:	
SINGLE EXPOSURE:	Category 3 (Central Nervous System, Respiratory)
REPEATED EXPOSURE:	Category 2 (Liver, Kidney, Central Nervous System)

GHS Label Elements: **PICTOGRAMS**

SIGNAL WORD: DANGER

Hazard Statements: Flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Harmful in contact with skin. May cause an allergic skin reaction. Causes skin and serious eye irritation. Harmful if inhaled. May cause respiratory irritation, drowsiness or dizziness. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention: Read all warning statements on all labels for this and any other products to be mixed with it prior to use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting and other tools or equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust, fumes, gas, mist, vapors or spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing and eye protection/face protection. Wear an appropriate, properly fitted fresh-air supplied respirator (NIOSH-approved TC19 or equivalent)

during and after application, and until all organic solvent vapors and spray mists are exhausted, or any time airborne contaminant levels exceed exposure limits indicated in Section 8.

Response: IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Wash with plenty of water. Take off immediately all contaminated clothing and wash before reuse. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical attention. IF INHALED: Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical attention. 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 attention. If exposed or concerned: Get medical attention. Call a POISON CENTER, doctor or physician if you feel unwell.

If medical advice is needed, have product container/label and Safety Data Sheet at hand.

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish, do not use water, see Section 5.

Storage: Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up.

Disposal: Dispose of contents and container with an approved waste disposal facility in compliance with local, regional and national regulations. Avoid release to environment. If spilled, contain material with inert absorbent, in compliance with local, regional and national regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	% by Weight
ALKYD RESIN	MIXTURE	20 – 30 %
TITANIUM DIOXIDE	13463-67-7	20 – 30 %
MINERAL SPIRITS	64742-88-7	15 – 20 %
XYLENE	1330-20-7	1 – 5 %
HIGH FLASH NAPHTHA	64742-95-6	1 – 5 %
MAGNESIUM SILICATE	14807-96-6	1 – 5 %
CARBON BLACK	1333-86-4	1 – 5 %
GLYCOL ETHER EB	111-76-2	0.2 – 0.5 %

SECTION 4: FIRST AID MEASURES

Eyes: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes, check for and remove contact lenses. Seek immediate medical attention.

Skin: Remove contaminated clothing. Immediately flush exposed area with large amounts of water for at least 15 minutes. If symptoms persist, seek medical attention. Wash clothing separately and clean shoes before reuse.

Ingestion: Do NOT induce vomiting. Seek immediate medical attention, contact physician or poison control center. Never give anything by mouth to an unconscious person.

Inhalation: Seek immediate medical attention. Remove from exposure to fresh air. If not breathing or if breathing is irregular, provide artificial respiration or oxygen by trained personnel; rescuers should put on appropriate protective gear. To prevent aspiration, keep head below knees.

Notes to Physician: Potential danger from aspiration must be weighed against possible oral toxicity when deciding whether to induce vomiting.

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:
Carbon Dioxide, Dry Chemical, Alcohol-resistant Foam.

Fire Fighting Procedures:
Fight as volatile liquid fire. Wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Eliminate all sources of ignition. Evacuate unnecessary personnel. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

Unusual Fire and Explosion Hazard:
Flammable liquid and vapor. Vapors can travel to a source of ignition and flash back. Vapors/dust may cause flash fire or explosion. This material may be ignited by heat, sparks, flame or static electricity. Closed containers may explode when exposed to extreme heat. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Environmental Precautions:
Avoid runoff and contact with soil, drains, sewers and waterways. Contact appropriate authority if spill is in excess of reportable quantity, in compliance with local and national regulations.

Personal Precautions: Eliminate all ignition sources. Contact emergency personnel. Evacuate the spill area and keep unnecessary, unprotected personnel away. Do not breathe vapors, use suitable personal protective equipment. Do not touch or walk through spilled material. Prevent additional discharge of material if able to do so safely. Ventilate spill area.

Method of Cleaning 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.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:

Use only in a well-ventilated area, with appropriate personal protective equipment, (see section 8), 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. 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.

Hygienic Practices: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash hands and face with soap and water after handling and before eating, drinking, or smoking. 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.

Conditions for Safe Storage, Including 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. 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.

SECTION 8: EXPOSURE CONTROLS\PERSONAL PROTECTION

Ingredient Name	CAS Number	Exposure Limits
ALKYD RESIN	MIXTURE	Data not available
MINERAL SPIRITS	64742-88-7	Data not available
HIGH FLASH NAPHTHA	64742-95-6	Data not available
XYLENE	1330-20-7	OSHA PEL TWA 100 PPM ACGIH TWA 100 PPM
GLYCOL ETHER EB	111-76-2	OSHA PEL TWA 50 PPM ACGIH TWA 20 PPM
MAGNESIUM SILICATE	14807-96-6	OSHA PEL TWA 2 mg/m^3, respirable fraction ACGIH TWA 2 mg/m^3
CARBON BLACK	1333-86-4	OSHA PEL 3.5 mg/m^3 ACGIH TLV 3.5 mg/m^3
TITANIUM DIOXIDE	13463-67-7	OSHA PEL TWA 15mg/m^3, total dust ACGIH TLV 10mg/m^3

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Personal Protective Equipment

Eyes and Face: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Skin: Wear impervious gloves to prevent contact with the skin. Where contact is likely, wear chemical resistant gloves, a chemical suit, long sleeves, rubber boots, and chemical safety goggles plus a face shield.

Respiratory: Wear an appropriate, properly fitted fresh-air supplied respirator, (NIOSH-approved TC-19C or equivalent), during and after application, until all organic vapors and spray mists are exhausted or any time airborne contaminate levels exceed exposure limits. Follow respirator manufacturer's directions and observe OSHA regulations for respirator use (29 CFR 1910.134).

Work Hygienic Practices:

Do not eat, drink, or smoke in areas where this material is used. Do not breathe vapors, fumes or mist. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Liquid in various colors
Odor:	Typical
pH:	Not available
Flash Point and Method:	> 105° F (42° C)
Boiling Point:	>100° F
Density (lbs/gl):	9.5 – 14.0
Specific Gravity:	1.14 – 1.68

Evaporation Rate:	Not available
Flammability(Solid/Gas):	Not applicable
Vapor Pressure:	Not available
% Solubility in Water:	Negligible
Auto-Ignition Temperature:	Not available
Decomposition Temperature:	Not available

CODE	ACTUAL VOC GRAMS/LITER	REGULATORY VOC GRAMS/LITER
J305	393.01	393.01
J306	389.29	389.29
J313	419.37	419.37
J316	397.63	397.63
J319	424.54	424.54
J321	397.46	397.46
J322	365.26	365.26
J328	383.67	383.67
J340	333.66	333.66
J350	400.09	400.09
J353	333.66	333.66
J354	386.14	386.14
J355	385.83	385.83
J358	350.39	350.39
J359	378.28	378.28
J3615	429.12	429.12
J363	353.08	353.08
J3754	393.54	393.54
J3787	342.87	342.87
J3836	345.37	345.37
J388	326.89	326.89
J4026	321.88	321.88
J421	382.32	382.32
J434	597.99	597.99
J435	597.99	597.99
J441	425.08	425.08
J491	382.32	382.32
J536	582.80	582.80
J691	361.12	361.12
J692	361.12	361.12
J818	393.54	393.54

SECTION 10: STABILITY AND REACTIVITY

Hazardous Polymerization:
Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to Avoid: Keep away from heat, sparks, flames, and other sources of ignition. Do not smoke; extinguish all flames and pilot lights. Turn off stoves, heaters, electrical motors, tools, appliances and any other possible sources of ignition prior to spray application, during use and until all vapors are exhausted from the area.

Chemical Stability: The product is stable. Keep away from heat, open flame, sparks, static electricity, freezing.

Hazardous Decomposition Products:
Decomposition products can include and are not limited to: Carbon monoxide, carbon dioxide

Incompatible Materials: Alkaline materials, strong acids and oxidizing materials.

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

SECTION 11: TOXICOLOGICAL INFORMATION

Available ingredient data is listed below:

GLYCOL ETHER EB (111-76-2)		
Acute Dermal Toxicity	LD:50 >2,000 mg/kg (guinea pig)	Category 4: Harmful in contact with skin.
Acute Inhalation Toxicity	LC0: >3.1 mg/l 1hrs (guinea pig)	Category 4: Harmful if inhaled.
Acute Oral Toxicity	LD50: 1,400 mg/kg (guinea pig)	Category 4: Harmful if swallowed.
Eye Irritation	Category 2A: Causes serious eye irritation.	
Skin Irritation	Category 2: Causes skin irritation.	
Reproductive Toxicity	Contains Ethylene glycol which is know to the State of California to cause birth defects or other reproductive harm.	

HIGH FLASH NAPHTHA (64742-95-6)	
Acute Dermal Toxicity	LD50: >3,160 mg/kg (rabbit)
Acute Inhalation Toxicity	LC50: >6193 mg/m^3, 4hrs (rat)
Acute Oral Toxicity	LD50: 3,492 mg/kg (rat)
Aspiration Toxicity	Category 1: May be fatal if swallowed and enters airways.
Carcinogenicity Classification	Category 2: Contains Cumene, (CAS No. 98-82-8): IARC Group 2B Suspected of causing cancer.
Target Organ, Single Exposure	Category 3: Central Nervous System, May cause drowsiness or dizziness. Respiratory, May cause respiratory irritation.

XYLENE (1330-20-7)		
Acute Dermal Toxicity	LD50: >4,200 mg/kg (rabbit)	Category 4: Harmful in contact with skin.
Acute Inhalation Toxicity	LC50: >20 mg/l 4hrs (rat)	Category 4: Harmful if inhaled.
Acute Oral Toxicity	LD50: 3,523 mg/kg (rat)	
Aspiration Toxicity	Category 1: May be fatal if swallowed and enters airways.	
Carcinogenicity Classification	Category 2: Contains Ethyl Benzene: IARC Group 2B Suspected of causing cancer.	
Target Organ, Single Exposure	Category 3: Respiratory, May cause respiratory irritation.	
Target Organ, Repeated Exposure	Category 2: Liver, Kidney, Central Nervous System, May cause damage to organs through prolonged or repeated exposure.	
Eye Irritation	Category 2B: Causes eye irritation.	
Skin Irritation	Category 2: Causes skin irritation.	

MAGNESIUM SILICATE (14807-96-6)
Not classified according to Globally Harmonized System (GHS)

CARBON BLACK (1333-86-4)	
Acute Dermal Toxicity	LD50: >240 mg/kg (rabbit)
Acute Inhalation Toxicity	LC50: >156 g/m^3 (rat)
Acute Oral Toxicity	LD50: >5,000 mg/l (rat)
Carcinogenicity Classification	IARC Group 2B: Suspected of causing cancer.

TITANIUM DIOXIDE (13463-67-7)	
Acute Dermal Toxicity	LD50: >5,000 mg/kg (rabbit)
Acute Inhalation Toxicity	LC50: >6.8 mg/l 4hrs (rat)
Acute Oral Toxicity	LD50: >5,000 mg/kg (rat)
Carcinogenicity Classification	IARC Group 2B: Suspected of causing cancer. IARC MONOGRAPHS VOLUME 93 5.1 Exposure data: No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as in paints. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).

SECTION 12: ECOLOGICAL INFORMATION

Available ingredient data is listed below:

GLYCOL ETHER EB (111-76-2)		
Toxicity to fish	Oncorhynchus mykiss (rainbow trout)	LC50: 1,464 mg/l 96hrs
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea)	EC50 1,550 mg/l 48hrs
Toxicity to algae	Pseudokirchneriella subcapitata (green algae)	EbC50 911 mg/l 72hrs
Persistence and degradability	Biodegradability: Readily	Biodegradation: 90.4%
Bioaccumulative potential	Partition coefficient: n-octanol/water	log Pow: 0.81

XYLENE (1330-20-7)		
Acute aquatic toxicity	Expected to be toxic to aquatic organisms.	
Toxicity to fish	Oncorhynchus mykiss (rainbow trout)	LC50: 2.6 mg/l 96hrs
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea)	EC50: 1 mg/l 24hrs
Toxicity to algae	Pseudokirchneriella subcapitata (green algae)	ErC50: 4.36 mg/l 73hrs
Persistence and degradability	Biodegradability: Readily	Biodegradation: >70%
Bioaccumulative potential	Partition coefficient: n-octanol/water	log Kow: 3.12 - 3.20

TITANIUM DIOXIDE (13463-67-7)		
Toxicity to fish	Pimephales promelas (flathead minnow)	LC50: >1,000 mg/l 96hrs
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea)	LC50: >1,000 mg/l 48hrs
Toxicity to algae	Pseudokirchneriella subcapitata (green algae)	EC50: >100 mg/l 72hrs
Bioaccumulative potential	Does not accumulate in organisms	

HIGH FLASH NAPHTHA (64742-95-6)

Environmental Hazards:	Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.	
Toxicity to fish	Oncorhynchus mykiss (rainbow trout)	LL50: 9.2 mg/l 96hrs
Toxicity to daphnia and other aquatic invertebrate	Daphnia magna (Water flea)	EL50: 3.2 mg/l 48hrs
Toxicity to algae	Pseudokirchneriella subcapitata (green algae)	ErL50: 2.9 mg/l 72hrs
Persistence and degradability	Biodegradability: Readily	Biodegradation: 78 %

SECTION 13: DISPOSAL CONSIDERATIONS

Recommendations: The generation of waste should be avoided or minimized wherever possible. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection, waste disposal legislation and any regional local authority requirements. Empty containers should be disposed of through an approved waste management facility. Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, ensure conformity to all applicable hazardous waste regulations, and consult your local or regional authorities.

SECTION 14: TRANSPORT INFORMATION

Land Transport (DOT):

UN PROPER SHIPPING NAME:	PAINT
TRANSPORT HAZARD CLASS:	3
UN NUMBER:	1263
PACKING GROUP:	III

The listed transportation information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment or other regulatory descriptors. This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the shipper and the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material. Local Government regulations and rules should prevail.

SECTION 15: REGULATORY INFORMATION

United States Federal Regulations:

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA RQ - 40 CFR302.4(a): List of Hazardous Substances and Reportable Quantities (RQ)

Chemical Name	CAS Number	RQ
GLYCOL ETHER EB	111-76-2	Glycol Ethers N230
HIGH FLASH NAPHTHA Contains: Cumene	64742-95-6 98-82-8	 5,000 lbs.
XYLENE Contains: ETHYL BENZENE	1330-20-7 100-41-4	100 lbs. 1,000 lbs.

SARA 313 Components - 40 CFR 372.65

Reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and 40 CFR 372:

Chemical Name	CAS Number
GLYCOL ETHER EB	111-76-2 Glycol Ethers N230
HIGH FLASH NAPHTHA	64742-95-6
Contains:1,2,4-Trimethylbenzene	95-63-6
Cumene	98-82-8
XYLENE	1330-20-7
Contains: ETHYL BENZENE	100-41-4

STATE REGULATIONS:

California Proposition 65:

⚠ **WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov**

Chemical Name	CAS Number	
CARBON BLACK	1333-86-4	Cancer
GLYCOL ETHER EB	111-76-2	Birth defects or other reproductive harm.
HIGH FLASH NAPHTHA	64742-95-6	
Contains: Cumene	98-82-8	Cancer
MINERAL SPIRITS	64742-88-7	
Contains: Benzene	71-43-2	Cancer, Birth defects or other reproductive harm
Naphthalene	91-20-3	Cancer
Ethyl Benzene	100-41-4	Cancer
Cumene	98-82-8	Cancer
Toluene	108-88-3	Birth defects or other reproductive harm
XYLENE	1330-20-7	
Contains: Ethyl Benzene	100-41-4	Cancer
MAGNESIUM SILICATE	14807-96-6	
Contains: Quartz	14808-60-7	Cancer
TITANIUM DIOXIDE	13463-67-7	Cancer The listing for titanium dioxide as "airborne, unbound particles of respirable size" and does not cover titanium dioxide when it remains within a product matrix.

New Jersey, Pennsylvania, Massachusetts Right-To-Know Component Information

Chemical Name	CAS Number
GLYCOL ETHER EB	111-76-2
TITANIUM DIOXIDE	13463-67-7
XYLENE	1330-20-7
HIGH FLASH NAPHTHA	64742-95-6
MINERAL SPIRITS	64742-88-7
MAGNESIUM SILICATE	14807-96-6
CARBON BLACK	1333-86-4

SECTION 16: OTHER INFORMATION

HMIS RATING

Health:	**3**
Flammability:	**3**
Personal Hazard:	**1**
Personal Protection:	**J**

0 = not significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic

DISCLAIMER: The information and recommendations set forth herein are presented in good faith and believed to be correct as of this date. Coventry Coatings Corp. makes no representation, warranty or guarantee as to the completeness or accuracy thereof. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

DATE ISSUED: 3/19/2021
Version No.: J2