MATERIAL SAFETY DATA SHEET

RICHARD'S PAINT COMPANY
PROD. #2500

DATE PRINTED: 11/12/2013
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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE: #2500 PEARL WHITE
PRODUCT NAME: CHLORINATED RUBBER / PEARL WHITE
MANUFACTURER'S NAME: RICHARD'S PAINT COMPANY
200 PAINT STREET
ROCKLEDGE, FL 32955

Telephone Numbers and Websites:

Product Information	(800)-432-0983 www.richardspaint.com
Medical Emergency – ChemTrec	(800)-434-9300
• Transportation Emergency – ChemTrec	(800)-434-9300
• for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)	

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Component / Occupational Exposure Limits			CAS No.	% By Weight
* Xylene	OSHA PEL - TWA: ACGIH TLV: ACGIH TLV-STEL:	100 ppm 100 ppm 150 ppm	1330-20-7	24.57
& Titanium Dioxide			13463-67-7	20.78
Aromatic Hydrocarbon (Naptha)	OSHA PEL: ACGIH TLV: OTHER:	100 mg/M3 100 mg/M3 100 mg/M3	64742-95-6	15.1 – 20.0
* Ethylene Benzene			100-41-4	5.84

SECTION 3 – HAZARDOUS IDENTIFICATION

SIGNAL WORD: None

HMIS CODES

Health	2
Flammability	3
Reactivity	0
Personal Protection	

HEALTH AND PHYSICAL IDENTIFICATION

Combustible liquid coating and vapor. Irritant. Toxic.

ROUTES OF EXPOSURE		TARGET ORGANS	
Inhalation:	Yes	Blood:	Yes
Skin Contact:	Yes	Eyes:	Yes
Eye Contact:	Yes	Kidneys:	Yes
Ingestion:	Yes	Liver:	Yes
		Lungs:	Yes
		Central Nervous System:	Yes
		Reproductive:	No
		Skin:	Yes

EFFECTS OF OVEREXPOSURE

INHALATION: Avoid breathing vapors or mists. Symptoms may include coughing, sore throat, labored breathing, and chest pain. Central nervous system depression with nausea, dizziness, headache or stupor.

SKIN: Mildly irritating but not a skin sensitizer. Symptoms may include redness, burning, and swelling of skin.

EYES: Avoid contact with eyes. Contact with eyes may cause irritation.

INGESTION: May be harmful if swallowed.

OTHER: May produce CNS depression. Pre-existing condition of the following organ(s) may be aggravated by the exposure to this material: lungs

SECTION 4 – FIRST AID MESURES

INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Get medical attention.

SKIN CONTACT: Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water. If irritation occurs, seek medical attention.

EYE CONTACT: In case of eye contact, flush the eyes with water for 15 minutes. If contact lenses are worn, quickly remove them then flush the eyes with plenty of water. If irritation persists, have a physician examine the eyes.

INGESTION: Seek immediate medical attention. Do not induce vomiting. If vomiting occurs spontaneously, keep the head below the hips to prevent aspiration of liquid into the lungs.

NOTE TO PHYSICIAN: Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Flash Point: 93°F **Method Used:** PMCC

Explosion Limits:

Lower (LEL): 0.7%

Upper (UEL): 7.00%

FLAMMABILITY CLASSIFICATION: RED LABEL - Flammable, Flash below 100°F (38°C)

EXTINGUISHING MEDIA: Carbon dioxide (CO2). Dry chemical. Foam. Water may be ineffective. If area is heavily exposed to fire and if conditions permit, let the fire burn itself out since water may increase the area contaminated. Use dry chemical, CO2, water spray or "alcohol" foam.

SPECIFIC METHODS: If potential for exposure to vapors or products of combustion exists, wear full fire fighting turnout gear and NIOSH approved self-contained breathing apparatus. In the event of fire, cool containers/tanks with water spray. Keep personnel removed from and upwind of fire.

UNUSUAL HAZARDS: Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions 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: Avoid contact with skin, eyes and clothing. Use appropriate personal protective equipment. For guidance on selection of personal protective equipment see Section 8, "Engineering Controls and Personal Protection Equipment" of this SDS. Ensure adequate ventilation. Remove all sources of ignition, use spark-proof tools and explosion-proof equipment.

ENVIRONMENTAL PRECAUTIONS: Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous

waste numbers. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

METHODS FOR CLEANUP: Soak up with inert absorbent material. Sweep up and shovel into suitable covered containers. Dispose of according to all applicable federal, state and local regulations. Use non-sparking tools (bronze, aluminum, plastic, wood) to clean up spill.

SECTION 7 – HANDLING AND STORAGE

HANDLING: Contents are FLAMMABLE. Keep away from heat, sparks and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

STORAGE CATEGORY: DOL Storage Class IC

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using. This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m3 (total dust), 3 mg/m3 (respirable fraction), OSHA PEL 15 mg/m3 (total dust), 5 mg/m3 (respirable fraction). Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

RESPIRATORY PROTECTION: Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108

HAND PROTECTION: Wear solvent-resistant gloves (butyl rubber or neoprene). Gloves should be replaced immediately if signs of degradation are observed.

EYE PROTECTION: Wear safety glasses with side-shields. If extra protection is required; wear a face-shield over the safety glasses or splash goggles. Face-shields are only effective if worn in addition to safety glasses or splash goggles. An emergency eye wash should be readily available.

SKIN PROTECTION: Wear a chemical-resistant, butyl-rubber apron and other protective clothing, as deemed appropriate, to avoid skin contact with material. Safety showers should be readily available.

OTHER DATA: Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid	
VAPOR DENSITY:	Heavier Than Air	
ODOR:	Not Significant	
DENSITY:	10.51 lb/gl.	
SPECIFIC GRAVITY:	1.26	
BOILING POINT:	136°C - 182°C	(277°F - 360°F)
EVAPORATION RATE:	Slower Than Ether	
VOC LESS WATER:	600 g/l	
PERCENT VOLITILE BY VOLUME:	69.31%	
Ph:	Not Determined	

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under recommended storage conditions.

INCOMPATIBILITY: No data found.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, including carbon monoxide.

HAZARDOUS POLYMERIZATION: Hazardous polymerization does not occur.

SECTION 11 – TOXICOLOGICAL INFORMATION

Ingredient	CAS NO.	Oral LD50 Rat	Dermal LD50 Rat	Inhalation LC50 Rat
ETHYL BENZENE	100-41-4	3500 mg/kg	15354 mg/kg	17.2 mg/L 4 h
TRIMETHYLBENZENE	108-67-8	5000 mg/kg		24 g/m3 4 h
XYLENES (O-, M-, P- ISOMERS)	1330-20-7	4300 mg/kg	>1700 mg/kg	5000 ppm 4 h 47635 mg/L 4 h
CARBON BLACK	1333-86-4	>15400 mg/kg	>2000 mg/kg	
PETROLIUM NAPHTHA, LIGHT AROMATIC	64742-95-6	8400 mg/kg	>2000 mg/kg	>5.2 mg/L 4 h 3400 ppm 4 h
BENZENE, 1,2,4-TRIMETHYL-	95-63-6	3400 mg/kg	>3160 mg/kg	18 g/m3 4 h

CHRONIC TOXICITY: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

CARCINOGENIC EFFECTS: Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans. IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint". Carbon Black is classified by IARC as possibly carcinogenic to humans (group B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

MUTAGENIC EFFECTS: No data found.

REPRODUCTIVE TOXICITY: No data found.

SECTION 12 – ECOLOGICAL INFORMATION

No Data Available.

SECTION 13 – DISPOSAL CONSIDERATIONS

METHOD: Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable ERA hazardous waste numbers. Incinerate in approved facility. Do not incinerate closed containers. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

US EPA HAZARDOUS WASTE NUMBERS: None

SECTION 14 – TRANSPORT INFORMATION

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

US GROUND (DOT): 5 Liters (1.3 Gallons) and Less may be Classed as LTD, QTY, OR ORM-D. Larger Containers are Regulated as: UN1263, PAINT, 3, PG III, (ERG#128)

DOT (Dept. of Transportation) HAZARDOUS SUBSTANCES & REPORTABLE QUANTITIES: Ethyl Benzene 1000 lb RQ. Xylenes (isomers and mixture) 100 lb RQ

Bulk Containers May Be Shipped As (check reportable quantities): RQ, UN1263, PAINT, 3, PG III, (XYLENES (ISOMERS AND MIXTURE)), (ERG#128)

CANADA (TDG): UN1263, PAINT, 3, PG III, LIMITED QUANTITY, (ERG#128)

IMO: 5 Liters (1.3 Gallons) and Less may be Shipped as Limited Quantity. UN1263, PAINT, CLASS 3, PG III, (39 C c.c.), EmS F-E, S-E

IATA / ICAO: UN1263, PAINT, 3, PG III

SECTION 15 – REGULATORY INFORMATION

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical(s) which are subject the reporting requirements of the Act and 40 CFR Part 372:

CHEMICAL COMPONENT	CAS NO.	% by Weight

*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

TSCA 12 b: All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

CALIFORNIA PROPOSITION 65: Warning: This product contains chemicals known to the State of California to cause cancer and birth defects of other reproductive harm.

SECTION 16 – OTHER INFORMATION

NON-WARRANTY: The information presented in this publication is based upon the research and experience of Richard's Paint. No representation or warranty is made, however, concerning the accuracy or completeness of the information presented in this publication. Richard's Paint makes no warranty or representation of any kind, express or implied, including without limitation any warranty or merchantability or fitness for any particular purpose, and no warranty or representation shall be implied by law or otherwise. Any products sold by Richard's Paint are not warranted as suitable for any particular purpose to the buyer. The suitability of any products for any purpose particular to the buyer is for the buyer to determine. Richard's Paint assumes no responsibility for the selection of products suitable to the particular purposes of any particular buyer. Richard's Paint shall in no event be liable for any special, incidental, or consequential damages.

MSDS STATUS: Approved

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