Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	**151.181A310**
Product Name:	RYL INT LTX EGG ULTR
Product Use:	Paint product.
Print date:	12/Jan/2015
Revision Date:	10/Jan/2015

Company Identification
Ace Hardware Corporation
2200 Kensington Court
Oak Brook, IL 60523-2100

Manufacturer's Phone:	1-800-777-6797
24-Hour Medical Emergency Phone:	1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Eye Contact:

- May cause eye irritation.

Skin Contact:

- Causes mild skin irritation.

Ingestion:

- Irritation of the mouth, throat, and stomach.
- Harmful if swallowed.

Inhalation:

- Causes respiratory tract irritation.

Target Organ and Other Health Effects:
- Cardiac irregularities
- Kidney injury may occur.
- Causes headache, drowsiness or other effects to the central nervous system.

This product contains ingredients that may contribute to the following potential chronic health effects:
- Overexposure may cause nervous system damage.
- Prolonged exposure over TLV may produce pneumoconiosis.
- Prolonged exposure to respirable crystalline quartz silica may cause delayed chronic injury (silicosis).
- Chronic exposure may cause permanent damage of health.

Teratogens:
- May cause birth defects.

Carcinogens:
- Possible cancer hazard. Contains material which may cause cancer based on animal data.
- Cancer hazard. Contains material which can cause cancer.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
TITANIUM DIOXIDE 13463-67-7	20 - 25	Titanium dioxide
CLAY 66402-68-4	5 - 10	Ceramic materials and wares, chemicals
SILICA 14808-60-7	1 - 5	QUARTZ (Si02)
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
PROPRIETARY INERT	1 - 5	PROPRIETARY INERT
ETHYLENE GLYCOL 107-21-1	1 - 5	1,2-Ethanediol

If this section is blank there are no hazardous components per OSHA guidelines.

4. FIRST AID MEASURES

Eye Contact:
Get medical attention, if symptoms develop or persist. Immediately flush eye(s) with plenty of water.

Skin Contact:
Wash off with plenty of water.

Ingestion:
Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention. Never give anything by mouth to an unconscious person.

Inhalation:
Move injured person into fresh air and keep person calm under observation. Get medical attention, if symptoms develop or persist.

Medical conditions aggravated by exposure:
Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	205
Flash point (Celsius):	96
Lower explosive limit (%):	3
Upper explosive limit (%):	15
Autoignition temperature:	not determined

5. FIRE FIGHTING MEASURES

Sensitivity to impact:	no
Sensitivity to static discharge:	Sensitivity to static discharge is not expected.
Hazardous combustion products:	See Section 10.

Unusual fire and explosion hazards:
None known.

Extinguishing media:
Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:
Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Keep containers and surroundings cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
Ventilate the area. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Avoid contact with eyes.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep container closed when not in use. Do not freeze. Since emptied containers may contain product residue, follow all label warnings, even after container is emptied. Do not cut, drill, grind, or weld on or near this container.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:
Wear safety glasses or goggles to protect against exposure.

Skin protection:
Appropriate chemical resistant gloves should be worn.

Other Personel Protection Data:
Usual industrial work clothes.

Respiratory protection:
If exposure cannot be controlled below applicable limits, use the appropriate NIOSH approved respirator such as an air purifying respirator with organic vapor cartridge and dust/mist filter. Consult the respirator manufacturer's literature to ensure that the respirator will provide adequate protection. Read and follow all respirator manufacturer's instructions.

Ventilation
Use only in well-ventilated areas. Ovens used for curing should contain a fresh air purge to prevent vapours from accumulating and creating a possible explosive mixture. Ensure adequate ventilation, especially in confined areas.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
TITANIUM DIOXIDE 13463-67-7	20 - 25	15 mg/m^3 TWA dust total		

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
CLAY 66402-68-4	5 - 10	5 mg/m^3 TWA Zr		
SILICA 14808-60-7	1 - 5	(30)/(%SiO2 + 2) mg/m^3 TWA, total dust (250)/(%SiO2 + 5) mppcf TWA, respirable fraction (10)/(%SiO2 + 2) mg/m^3 TWA, respirable fraction		
PROPRIETARY INERT	1 - 5	20 mppcf or 80 mg/m^3 / %SiO2		
PROPRIETARY INERT	1 - 5	5 mg/m^3 Respirable fraction. 15 mg/m^3 Total dust. Respirable fraction. Listed. Total dust. Listed.		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
TITANIUM DIOXIDE 13463-67-7	20 - 25	10 mg/m^3 TWA			
CLAY 66402-68-4	5 - 10	0.2 mg/m^3 TWA Mn 5 mg/m^3 TWA Zr	10 mg/m^3 STEL Zr		
SILICA 14808-60-7	1 - 5	0.025 mg/m^3 TWA respirable fraction			
PROPRIETARY INERT	1 - 5	10 mg/m^3			
ETHYLENE GLYCOL 107-21-1	1 - 5			100 mg/m^3 Ceiling aerosol only	

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	24 mmHg @ 77ºF (25ºC)
Vapor density (air = 1.0):	2.14
Boiling point:	212ºF (100ºC)
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	11.14
Specific Gravity:	1.34
Evaporation rate (butyl acetate = 1.0):	0.1
Flash point (Fahrenheit):	205
Flash point (Celsius):	96
Lower explosive limit (%):	3
Upper explosive limit (%):	15
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

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Stability:	Stable under normal conditions.
Conditions to Avoid:	None known.
Incompatibility:	Strong oxidizing agents
Hazardous Polymerization:	None anticipated.
Hazardous Decomposition Products:	Carbon monoxide and carbon dioxide. Metal oxide fumes.

Sensitivity to static discharge: Sensitivity to static discharge is not expected.

11. TOXICOLOGICAL INFORMATION

Ingredient Name CAS-No.	Approx. Weight %	NIOSH - Selected LD50s and LC50s
TITANIUM DIOXIDE 13463-67-7	20 - 25	> 10000 mg/kg Oral LD50 Rat
SILICA 14808-60-7	1 - 5	= 500 mg/kg Oral LD50 Rat
PROPRIETARY INERT	1 - 5	> 2.2 mg/L Inhalation LC50 Rat 1 h > 2000 mg/kg Dermal LD50 Rabbit > 5000 mg/kg Oral LD50 Rat
ETHYLENE GLYCOL 107-21-1	1 - 5	= 4000 mg/kg Oral LD50 Rat = 9530 µL/kg Dermal LD50 Rabbit

Mutagens/Teratogens/Carcinogens:

May cause birth defects.

Possible cancer hazard. Contains material which may cause cancer based on animal data. Cancer hazard. Contains material which can cause cancer.

Contains TIO2 which is listed by IARC as a possible human carcinogen (Group 2B) based on animal data. Neither long term animal studies, nor human epidemiology studies of workers exposed to TIO2 provide an adequate basis to conclude TIO2 is carcinogenic. TIO2 is not classified as a carcinogen by NTP, U.S. OSHA, or the U.S. EPA. Contains crystaline silica. The IARC has determined that crystaline silica inhaled in the form of quartz or cristobablite from occupational sources is carcinogenic to humans (group 1). Refer to IARC monograph 68 in conjunction with the use of these materials. Risk of cancer depends on the duration and level of exposure. In coatings products, risk is due primarily to inhalation of sanding dusts or respirable particles in spray mists. The NTP has also determined that crystaline silica is a known human carcinogen in the form of fine, breathable particles. Risk of cancer depends on duration and level of exposure in coatings products, risk is due primarily to inhalation of sanding dust or respirable particles in spray mist.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
SILICA 14808-60-7	1 - 5		Listed. initial date 10/1/88 - carcinogen

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
TITANIUM DIOXIDE 13463-67-7	20 - 25			Monograph 47 [1989]
CLAY 66402-68-4	5 - 10			Monograph 43 [1988]
SILICA 14808-60-7	1 - 5	Monograph 68 [1997]		

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens
SILICA 14808-60-7	1 - 5	Known Human Carcinogen	

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
TITANIUM DIOXIDE 13463-67-7	20 - 25	Present		
CLAY 66402-68-4	5 - 10	Present		
SILICA 14808-60-7	1 - 5	Present		A2 Suspected Human Carcinogen

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

UN ID Number (msds):	NRPAIN
Proper Shipping Name:	PAINT, NOT REGULATED

U.S Hazmat and/or International DG shipment exceptions

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):

Proper shipping name:	NOT REGULATED

International Maritime Organization (IMO):

Proper shipping name:	NOT REGULATED
Marine Pollutant	No

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
ETHYLENE GLYCOL 107-21-1	1 - 5		form R reporting required for 1.0% de minimis concentration	5000

SARA 311/312 Hazard Class:

Acute:	yes
Chronic:	yes

Flammability:	no
Reactivity:	no
Sudden Pressure:	no

U.S. STATE REGULATIONS:

Right to Know:
The specific chemical identity of a component may be withheld as a trade secret under 34 Pennsylvania Code, Chapter 317.

Pennsylvania Right To Know:

PROPRIETARY INERT	Trade Secret
TITANIUM DIOXIDE	13463-67-7
PROPRIETARY INERT	Trade Secret
ETHYLENE GLYCOL	107-21-1
SILICA	14808-60-7
CLAY	66402-68-4

Additional Non-Hazardous Materials

PROPRIETARY RESIN	Trade Secret
PROPRIETARY RESIN	Trade Secret
WATER	7732-18-5

California Proposition 65:
WARNING! This product contains a chemical known in the State of California to cause cancer.

Rule 66 status of product Not photochemically reactive.

INTERNATIONAL REGULATIONS - Chemical Inventories

US TSCA Inventory:
All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:
Not all components in this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2*
Flammability:	0
Reactivity:	1
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:
OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:
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Preparation Information:

Prepared By:	Regulatory Affairs Department
Print date:	12/Jan/2015
Revision Date:	10/Jan/2015