1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID: 151.159A333
Product Name: RYL EXT LTX SG HHMD
Product Use: Paint product.
Print date: 17/Aug/2013
Revision Date: 17/Aug/2013

Company Identification
The Valspar Corporation - Architectural Coatings Division
1191 Wheeling Road
Wheeling, IL 60090

Manufacturer's Phone: 1-847-520-8580
24-Hour Medical Emergency Phone: 1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Inhalation
Ingestion
Skin absorption

Eye Contact:
• Moderate eye irritation

Skin Contact:
• Causes skin irritation.

Ingestion:
• Irritation of the mouth, throat, and stomach.

Inhalation:
• Causes respiratory tract irritation.
Target Organ and Other Health Effects:
- Kidney injury may occur.
- Liver injury may occur.

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

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>Chemical Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>10 - 15</td>
<td>Titanium dioxide</td>
</tr>
<tr>
<td>BENZOPHENONE</td>
<td>119-61-9</td>
<td>.1 - 1</td>
<td>Benzophenone</td>
</tr>
</tbody>
</table>

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. Remove any contact lenses and open eyes wide apart.

Skin Contact:
Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Get medical attention, if symptoms develop or persist.

Ingestion:
Rinse mouth with water. Give one or two glasses of water. Only induce vomiting at the instruction of medical personnel. Get medical attention.

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 (%): 1
Upper explosive limit (%): 4
Autoignition temperature: not determined
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.

Product ID: 151.159A333
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.

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. Ensure adequate ventilation, especially in confined areas.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL’s)

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>TWA (final)</th>
<th>Ceiling limits (final)</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>10 - 15</td>
<td>15 mg/m³ TWA dust total</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ACGIH Threshold Limit Value (TLV’s)

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS-No.</th>
<th>Approx. Weight %</th>
<th>TWA</th>
<th>STEL</th>
<th>Ceiling limits</th>
<th>Skin designations</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITANIUM DIOXIDE</td>
<td>13463-67-7</td>
<td>10 - 15</td>
<td>10 mg/m³ TWA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

9. PHYSICAL PROPERTIES

Odor: Normal for this product type.

Product ID: 151.159A333
9. PHYSICAL PROPERTIES

Physical State: liquid
pH: not determined
Vapor pressure: 24 mmHg @ 77ºF (25ºC)
Vapor density (air = 1.0): 7.4
Boiling point: 212ºF (100ºC)
Solubility in water: not determined
Coefficient of water/oil distribution: not determined
Density (lbs per US gallon): 9.76
Specific Gravity: 1.17
Evaporation rate (butyl acetate = 1.0): 0.1
Flash point (Fahrenheit): 205
Flash point (Celsius): 96
Lower explosive limit (%): 1
Upper explosive limit (%): 4
Autoignition temperature: not determined

10. STABILITY AND REACTIVITY

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

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Approx. Weight %</th>
<th>NIOSH - Selected LD50s and LC50s</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITANIUM DIOXIDE 13463-67-7</td>
<td>10 - 15</td>
<td>&gt; 10000 mg/kg Oral LD50 Rat</td>
</tr>
<tr>
<td>BENZOPHENONE 119-61-9</td>
<td>.1 - 1</td>
<td>&gt; 3535 mg/kg Dermal LD50 Rabbit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt; 10 g/kg Oral LD50 Rat</td>
</tr>
</tbody>
</table>

Mutagens/Teratogens/Carcinogens:

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

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.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Approx. Weight %</th>
<th>California Prop 65 - Reproductive (Female)</th>
<th>California Prop 65 - Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>BENZOPHENONE 119-61-9</td>
<td>.1 - 1</td>
<td>listed 22-Jun-12</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Approx. Weight %</th>
<th>IARC Group 1 - Human Evidence</th>
<th>IARC Group 2A - Limited Human Data</th>
<th>IARC Group 2B - Sufficient Animal Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITANIUM DIOXIDE 13463-67-7</td>
<td>10 - 15</td>
<td></td>
<td></td>
<td>Monograph 47 [1989]</td>
</tr>
</tbody>
</table>

Product ID: 151.159A333
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): NRPAI
   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:
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:

TITANIUM DIOXIDE 13463-67-7

Additional Non-Hazardous Materials

PROPRIETARY INGREDIENT Trade Secret
PROPRIETARY RESIN Trade Secret

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:
The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES. Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option. This MSDS contains additional information required by the state of Pennsylvania.

Preparation Information:
Prepared By: Regulatory Affairs Department
Print date: 17/Aug/2013
Revision Date: 17/Aug/2013

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