1. Identification of the substance/mixture and of the company/undertaking

**Product name**  COLORPLUS FORREST PINE JH 60-40 STU

**Product code**  LLG0510  Formula date: 2018-12-14

**Intended use**  Coating for professional use

Axalta Coating Systems, LLC
1717 English Road
US High Point, NC 27262

**Telephone**  
Product information  (855) 6-AXALTA
Medical emergency  (855) 274-5698
Transportation emergency  (800) 424-9300 (CHEMTREC)

2. Hazards identification

This product is considered hazardous based on GHS classification criteria.

**Classification**

<table>
<thead>
<tr>
<th>Hazard Classification</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin sensitisation</td>
<td>1</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>1A</td>
</tr>
<tr>
<td>Target Organ Systemic Toxicant - Repeated exposure</td>
<td>1</td>
</tr>
</tbody>
</table>

**Label elements**

**Pictograms**

- [ ]

Signal word: Danger

**Hazard statements**

- May cause an allergic skin reaction.
- May cause cancer.
- Causes damage to organs through prolonged or repeated exposure.

**Precautionary statements**

- Obtain special instructions before use.
- Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
- Do not eat, drink or smoke when using this product.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF ON SKIN: Wash with plenty of soap and water.
- IF exposed or concerned: Get medical advice/ attention.
- Specific treatment (see supplemental first aid instructions on this label).
- If skin irritation or rash occurs: Get medical advice/ attention.
- Wash contaminated clothing before reuse.
- Store locked up.
- Dispose of contents/container in accordance with local regulations.

**Other hazards which do not result in classification**
Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:**

19.6%

### 3. Composition/information on ingredients

Mixture of synthetic resins, pigments, and solvents as well as water

**Components**

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical name</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6</td>
<td>Propylene glycol</td>
<td>4 - 15%</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz-crystalline silica</td>
<td>1 - 4%</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
<td>1 - 4%</td>
</tr>
<tr>
<td></td>
<td>Trade Secret Additive</td>
<td>0.0 - 1.0%</td>
</tr>
<tr>
<td></td>
<td>Trade Secret Additive</td>
<td>0.0 - 1.0%</td>
</tr>
<tr>
<td></td>
<td>Trade Secret Additive</td>
<td>0.0 - 1.0%</td>
</tr>
</tbody>
</table>

Any concentration shown as a range is due to batch variation.

### 4. First aid measures

**Eye contact**

Remove contact lenses. Irrigate copiously with clean, fresh water for at least 15 minutes, holding the eyelids apart. Seek medical advice.

**Skin contact**

Do NOT use solvents or thinners. Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. If skin irritation persists, call a physician.

**Inhalation**

Avoid inhalation of vapour or mist. Move to fresh air in case of accidental inhalation of vapours. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.

**Ingestion**

If swallowed, seek medical advice immediately and show this safety data sheet (SDS) or product label. Do NOT induce vomiting. Keep at rest.

**Most Important Symptoms/effects, acute and delayed**

**Inhalation**

May cause nose and throat irritation.

**Ingestion**

May result in gastrointestinal distress.

**Skin or eye contact**

May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.
Indication of Immediate medical attention and special treatment needed if necessary
No data available on the product. See section 3 and 11 for hazardous ingredients found in the product.

5. Firefighting measures

Suitable extinguishing media
Water spray, Dry chemical, Foam

Extinguishing media which shall not be used for safety reasons
High volume water jet

Hazardous combustion products
CO, CO2, smoke, and oxides of any heavy metals that are reported in “Composition, Information on Ingredients” section.

Fire and Explosion Hazards
Avoid heating above flash point.

Special Protective Equipment and Fire Fighting Procedures
Full protective flameproof clothing should be worn as appropriate. Wear self-contained breathing apparatus for firefighting if necessary. In the event of fire, cool tanks with water spray. Do not allow run-off from fire fighting to enter public sewer systems or public waterways.

6. Accidental release measures

Procedures for cleaning up spills or leaks
Ventilate area. If heated above the flashpoint, remove sources of ignition. Prevent skin and eye contact and breathing of vapor. Wear a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C), eye protection, gloves and protective clothing. Confine, remove with inert absorbent, and dispose of properly.

Environmental precautions
Do not let product enter drains. Notify the respective authorities in accordance with local law in the case of contamination of rivers, lakes or waste water systems.

7. Handling and storage

Precautions for safe handling
Observe label precautions. Close container after each use. If heated above its flash point, this must be handled as if it were a flammable liquid. Do not transfer contents to bottles or unlabeled containers. Wash thoroughly after handling and before eating or smoking. Do not freeze. If material is a coating: do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves. Combustible dust clouds may be created where operations produce fine material (dust). Avoid formation of significant deposits of material as they may become airborne and form combustible dust clouds. Build up of fine material should be cleaned using gentle sweeping or vacuuming in accordance with best practices. Cleaning methods (e.g. compressed air) which can generate potentially combustible dust clouds should not be used.

Advice on protection against fire and explosion
Solvent vapours are heavier than air and may spread along floors. Vapors may form explosive mixtures with air and will burn when an ignition source is present. Always keep in containers of same material as the original one. Never use pressure to empty container: container is not a pressure vessel. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimize the risks of spontaneous combustion and other fire hazards.

Storage

Requirements for storage areas and containers
Observe label precautions. Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Advice on common storage
Store separately from oxidizing agents and strongly alkaline and strongly acidic materials.

OSHA/NFPA Storage Classification: IIIB

8. Exposure controls/personal protection

Engineering controls and work practices
Provide adequate ventilation. This should be achieved by a good general extraction and -if practically feasible- by the use of a local exhaust ventilation. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

National occupational exposure limits

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical name</th>
<th>Source</th>
<th>Time</th>
<th>Type</th>
<th>Value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>Quartz-crystalline silica</td>
<td>OSHA</td>
<td>8 hr</td>
<td>TWA</td>
<td>0.3 mg/m³</td>
<td>Total Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA</td>
<td>8 hr</td>
<td>TWA</td>
<td>50 µg/m³</td>
<td>Respirable Dust</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
<td>OSHA</td>
<td>8 hr</td>
<td>TWA</td>
<td>15 mg/m³</td>
<td>Total Dust</td>
</tr>
</tbody>
</table>

Glossary

CEIL Ceiling exposure limit
STEL Short term exposure limit
TL Threshold limits
TLV Threshold Limit Value
TWA Time weighted average
TWAe Time-Weighted Average

Protective equipment
Personal protective equipment should be worn to prevent contact with eyes, skin or clothing.

Respiratory protection
Do not breathe vapors or mists. Wear an appropriate, properly fitted NIOSH approved respirator during application and until all vapors and spray mists are exhausted unless air monitoring demonstrates vapor/mist levels are below applicable limits. If respirators are required, use a properly fitted air-purifying respirator with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A). In confined spaces, or in situations where continuous spray operations are typical, or if proper air-purifying respirator fit is not possible, wear a positive pressure, supplied-air respirator (NIOSH TC-19C). In all cases, follow respirator manufacturer’s directions for respirator use.

Eye protection
Desirable in all industrial situations. Goggles are preferred to prevent eye irritation. If safety glasses are substituted, include splash guard or side shields.

Skin and body protection
Choose skin and body protection as appropriate for the concentration and quantity of hazardous substances, and to the specific work-place practices.

Hygiene measures
Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

Environmental exposure controls
Do not let product enter drains. For ecological information, refer to Ecological Information Section 12.
9. Physical and chemical properties

Appearance

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>green</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 200 °F</td>
</tr>
<tr>
<td>Lower Explosive Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Upper Explosive Limit</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>Vapor pressure of principal solvent</td>
<td>0.7 hPa</td>
</tr>
<tr>
<td>Water solubility</td>
<td>appreciable</td>
</tr>
<tr>
<td>Vapor density of principal solvent (Air = 1)</td>
<td>0.6</td>
</tr>
<tr>
<td>Approx. Boiling Range</td>
<td>100 °C</td>
</tr>
<tr>
<td>Approx. Freezing Range</td>
<td>NIL</td>
</tr>
<tr>
<td>Gallon Weight (lbs/gal)</td>
<td>9.36</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.12</td>
</tr>
<tr>
<td>Percent Volatile By Volume</td>
<td>69.69%</td>
</tr>
<tr>
<td>Percent Volatile By Weight</td>
<td>62.12%</td>
</tr>
<tr>
<td>Percent Solids By Volume</td>
<td>30.31%</td>
</tr>
<tr>
<td>Percent Solids By Weight</td>
<td>37.88%</td>
</tr>
<tr>
<td>pH (waterborne systems only)</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Ignition temperature</td>
<td>201 °C</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity (23 °C)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>VOC* less exempt (lbs/gal)</td>
<td>1.1</td>
</tr>
<tr>
<td>VOC* as packaged (lbs/gal)</td>
<td>0.4</td>
</tr>
</tbody>
</table>

Does not sustain combustion.

* VOC less exempt (theoretical) and VOC as packaged (theoretical) are based upon the VOC of the packaged material at the point of manufacture.

10. Stability and reactivity

Stability

Stable

Conditions to avoid

Stable under recommended storage and handling conditions (see section 7).

Materials to avoid

None reasonably foreseeable.

Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

Hazardous Polymerization

Will not occur.

Sensitivity to Static Discharge

If heated above the flash point, solvent vapors in air may explode if static grounding and bonding is not used during transfer of this product.
Sensitivity to Mechanical Impact
None known.

11. Toxicological information

Information on likely routes of exposure

**Inhalation**
May cause nose and throat irritation.

**Ingestion**
May result in gastrointestinal distress.

**Skin or eye contact**
May cause irritation or burning of the eyes. Repeated or prolonged liquid contact may cause skin irritation with discomfort and dermatitis.

**Delayed and immediate effects and also chronic effects from short and long term exposure:**

**Acute oral toxicity**
Not classified according to GHS criteria

**Acute dermal toxicity**
Not classified according to GHS criteria

**Acute inhalation toxicity**
not hazardous

% of unknown composition: 19.6 %

**Skin corrosion/irritation**
Not classified according to GHS criteria

**Serious eye damage/eye irritation**
Not classified according to GHS criteria

**Respiratory sensitisation**
Not classified according to GHS criteria

**Skin sensitisation**

<table>
<thead>
<tr>
<th>Trade Secret Additive Category</th>
<th>1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Secret Additive Category 1</td>
<td></td>
</tr>
<tr>
<td>Trade Secret Additive Category 1</td>
<td></td>
</tr>
</tbody>
</table>

**Germ cell mutagenicity**
Not classified according to GHS criteria

**Carcinogenicity**

<table>
<thead>
<tr>
<th>Quartz-crystalline silica Category</th>
<th>1A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium dioxide Category</td>
<td>2</td>
</tr>
</tbody>
</table>

**Toxicity for reproduction**
Not classified according to GHS criteria

**Target Organ Systemic Toxicant - Single exposure**
Not classified according to GHS criteria
Target Organ Systemic Toxicant - Repeated exposure

- Inhalation
  
  **Respiratory system** Quartz-crystalline silica

**Aspiration toxicity**
Not classified according to GHS criteria

**Numerical measures of toxicity (acute toxicity estimation (ATE), etc.)**
No information available.

**Symptoms related to the physical, chemical and toxicological characteristics**
No information available.

**Whether the hazardous chemical is listed by NTP, IARC or OSHA**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz-crystalline silica</td>
<td>IARC 1</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>IARC 2B</td>
</tr>
</tbody>
</table>

12. **Ecological information**

There are no data available on the product itself. The product should not be allowed to enter drains or watercourses.

13. **Disposal considerations**

**Waste Disposal Method**
Do not allow material to contaminate ground water systems. Incinerate or otherwise dispose of waste material in accordance with Federal, State, Provincial, and local requirements. Do not incinerate in closed containers.

14. **Transport information**

Not classified as dangerous in the meaning of transport regulations.

**DOT**

Proper shipping name: Not Regulated

The transport information is for bulk shipments. Exceptions may apply for smaller containers.

**Matters needing attention for transportation**

Confirm that there is no breakage, corrosion, or leakage from the container before shipping. Be sure to prevent damage to cargo by loading so as to avoid falling, dropping, or collapse. Ship in appropriate containers with denotation of the content in accordance with the relevant statutes and rules.

15. **Regulatory information**

**TSCA Status**
In compliance with TSCA Inventory requirements for commercial purposes.
DSL Status
All components of the mixture are listed on the DSL.

Photochemical Reactivity
Non-photochemically reactive

Regulatory information

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Ingredient</th>
<th>302</th>
<th>TPQ</th>
<th>RQ</th>
<th>311/312</th>
<th>313</th>
<th>RQ(lbs)</th>
<th>HAP</th>
</tr>
</thead>
<tbody>
<tr>
<td>57-55-6</td>
<td>Propylene glycol</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>A,C,F,N,P,R</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz-crystalline silica</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>A,C</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium dioxide</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>A</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>Trade Secret Additive</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>A,F</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>Trade Secret Additive</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>A,C</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>Trade Secret Additive</td>
<td>N</td>
<td>N</td>
<td>N</td>
<td>A,C</td>
<td>N</td>
<td>N</td>
<td>N</td>
</tr>
</tbody>
</table>

Key:

EPCRA    Emergency Planning and Community Right-to-know Act (aka Title III, SARA)
302      Extremely hazardous substances
311/312 Categories
F = Fire Hazard     A = Acute Hazard
R = Reactivity Hazard  C = Chronic Hazard
P = Pressure Related Hazard
313 Information
Section 313 Supplier Notification - The chemicals listed above with a "Y" in the 313 column are subject to reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372.
HAP      Listed as a Clean Air Act Hazardous Air Pollutant.
TPQ      Threshold Planning Quantity.
RQ       Reportable Quantity
NA       not available
NR       not regulated

16. Other information

The following ratings are based on the criteria of HMIS© II.
HMIS rating  H: 2  F: 1  R: 0

Glossary of Terms:

ACGIH  American Conference of Governmental Industrial Hygienists.
IARC  International Agency for Research on Cancer.
NTP   National Toxicology Program.
OEL  Occupational Exposure Limit
OSHA  Occupational Safety and Health Administration.
STEL  Short term exposure limit
TWA  Time-weighted average.
PNOR  Particles not otherwise regulated.
PNOC  Particles not otherwise classified.

NOTE: The list (above) of glossary terms may be modified.

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SDS prepared by: Axalta Coating Systems Regulatory Affairs

Report version

<table>
<thead>
<tr>
<th>Version</th>
<th>Changes</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.0</td>
<td>3, 11, 15</td>
</tr>
</tbody>
</table>

Revision Date: 2019-02-07