



## Safety Data Sheet

FOR INDUSTRIAL USE ONLY

### PIROGUE GREEN

#### Section 1. Product and company identification

**Product Name:** PIROGUE GREEN  
**SDS Number:** QUICKMIX (USE 944X064 PAIL)  
 970G353C  
**Product Use:** Industrial  
**Manufacturer, Importer, Supplier:** Polynt Composites USA, Inc.  
 99 East Cottage Avenue  
 Carpentersville IL 60110  
 E-Mail: MSDS@pccrusa.com

**Telephone:** For Emergency Transportation Information  
 CHEMTREC US Domestic (800) 424-9300  
 CHEMTREC International (703) 527-3887

For additional health and safety or regulatory information, call 1 847-836-3627.

#### Section 2. Hazard(s) identification

**EMERGENCY OVERVIEW:** Irritating to skin. May cause sensitization of susceptible persons.

##### GHS Classification

Flam. Liq. 4

##### Symbol(s) of Product

No GHS Symbols Exist

##### Signal Word

Warning

##### GHS HAZARD STATEMENTS

Flammable liquid, category 4 H227 Combustible liquid.

##### GHS LABEL PRECAUTIONARY STATEMENTS

P202 Do not handle until all safety precautions have been read and understood.  
 P233 Keep container tightly closed.  
 P281 Use personal protective equipment as required.  
 P403+P235 Store in a well-ventilated place. Keep cool.  
 P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

#### Section 3. Composition/Information on ingredients

| <u>Chemical Name</u> | <u>CAS-No.</u> | <u>Wt. %</u> | <u>GHS Symbols</u> | <u>GHS Statements</u> |
|----------------------|----------------|--------------|--------------------|-----------------------|
| TITANIUM DIOXIDE     | 13463-67-7     | 5.0 - 10     | No Information     | No Information        |
| DIETHYLENE GLYCOL    | 111-46-6       | 1.0-5.0      | No Information     | No Information        |

The text for GHS Hazard Statements shown above (if any) is given in the "Other information" Section.

## Section 4. First-aid measures



**FIRST AID - EYE CONTACT:** If symptoms persist, call a physician. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

**FIRST AID - INGESTION:** If ingested, consult a physician.

**FIRST AID - INHALATION:** Give oxygen or artificial respiration if needed. Move to fresh air in case of accidental inhalation of vapours. Remove person to fresh air. If signs/symptoms continue, get medical attention.

**FIRST AID - SKIN CONTACT:** Wash contaminated clothing before reuse. Wash skin with soap and water for several minutes. Get medical attention if irritation develops. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

## Section 5. Fire-fighting measures

### Extinguishing Media:

**Suitable** Carbon Dioxide, Dry Chemical, Water Fog  
**Not suitable** No Information

**SPECIAL FIREFIGHTING PROCEDURES:** Use full protective clothing. Use a properly-fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Dry powder. Carbon dioxide (CO<sub>2</sub>). Vapors may be ignited by heat, pilot lights, other flames and ignition sources.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** No Information

## Section 6. Accidental release measures

**ENVIRONMENTAL MEASURES:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Avoid breathing vapors or mists. Use non-sparking tools and equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. Remove all sources of ignition. 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).

**PRECAUTIONARY MEASURES:** No Information

## Section 7. Handling and storage



**HANDLING:** Avoid contact with skin, eyes and clothing. Wear personal protective equipment. Use only in well-ventilated areas. Keep away from heat and sources of ignition. Do not breathe vapors, mist or gas.

**STORAGE:** Store contents under 100F (37.8C). Keep container closed when not in use. Store and dispose according to national, state and local regulations.

**HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing. General industrial hygiene practice. Wash hands before eating, drinking, or smoking.

**WORK PRACTICES:** Put on appropriate personal protective equipment. Wash hands after handling chemicals and before eating, drinking, or smoking. Read and understand entire SDS before handling chemical.

**SPECIAL HANDLING PROCEDURES:** Put on appropriate personal protective equipment. Eating, drinking, and smoking should be prohibited in areas where this material is handled, stored, and processed. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use.

## Section 8. Exposure controls/personal protection

### Ingredients with Occupational Exposure Limits

| <u>Chemical Name</u> | <u>ACGIH TLV-TWA</u> | <u>ACGIH-TLV STEL</u> | <u>OSHA PEL-TWA</u>  | <u>OSHA CEILING</u> |
|----------------------|----------------------|-----------------------|----------------------|---------------------|
| TITANIUM DIOXIDE     | 10 mg/m <sup>3</sup> | N.E.                  | 15 mg/m <sup>3</sup> | N.E.                |
| DIETHYLENE GLYCOL    | N.E.                 | N.E.                  | N.E.                 | N.E.                |

**Further Advice:** MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation  
Sk = Skin Sensitizer N.E. = Not Established

### Personal Protection



**RESPIRATORY PROTECTION:** When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full facepiece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary. Use a properly-fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.



**SKIN PROTECTION:** Wear suitable protective equipment. Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.



**EYE PROTECTION:** Ensure that eyewash stations and safety showers are close to the workstation location. Safety glasses with side-shields. Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to splashing or spraying of material.



**OTHER PROTECTIVE EQUIPMENT:** Use good hygiene practices. Wash face and hands before eating, drinking, and smoking. Eye wash and safety showers should be readily available.



**HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing. General industrial hygiene practice. Wash hands before eating, drinking, or smoking.

## Section 9. Physical and chemical properties

|                                   |               |   |               |
|-----------------------------------|---------------|---|---------------|
| <b>Color:</b>                     | Green         | <b>Physical State:</b>                              | Liquid        |
| <b>Odor:</b>                      | Mild glycol   | <b>Odor Threshold:</b>                              | Not Available |
| <b>Density, g/cm<sup>3</sup>:</b> | 1.580         | <b>pH:</b>  | Not Available |
| <b>Freeze Point, °C:</b>          | Not Available | <b>Viscosity:</b>                                   | Not Available |
| <b>Solubility in Water:</b>       | Insoluble     | <b>Partition Coefficient, n-octanol/<br/>water:</b> | Not Available |
| <b>Decomposition Temp., °C:</b>   | Not Available | <b>Flash Point, °C / F°</b>                         | 93 / 199      |
| <b>Boiling Range, °C:</b>         | 0             | <b>Explosive Limits, vol%:</b>                      | Not Available |
| <b>Vapor Pressure:</b>            | Not Available | <b>Auto-ignition Temp., °C:</b>                     | Not Available |

(See "Other information" Section for abbreviation legend)

## Section 10. Stability and reactivity

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Heat. Burning may produce obnoxious and toxic fumes.

**INCOMPATIBILITY:** Water.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None under normal use.

## Section 11. Toxicological information



### Practical Experiences

**EFFECT OF OVEREXPOSURE - EYE CONTACT:** Presumed to be moderately irritating to the eyes. Exposure may cause mild irritation. Symptoms may include stinging, tearing, and redness.

**EFFECT OF OVEREXPOSURE - INGESTION:** May cause severe gastrointestinal disturbance with headache, nausea, vomiting and diarrhea. No information found.

**EFFECT OF OVEREXPOSURE - INHALATION:** Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Inhalation of high concentrations may cause headache, nausea, and dizziness. Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness, dizziness, and possibly narcosis. In extreme cases, may cause loss of consciousness.

**EFFECT OF OVEREXPOSURE - SKIN CONTACT:** Prolonged or repeated contact can cause slight skin irritation, reddening, swelling.

**EFFECT OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information

**CARCINOGENICITY:** This product does not contain any substances identified as carcinogenic by either IARC or NTP. This product may contain Titanium Dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

**PRIMARY ROUTE(S) OF ENTRY:** Eye Contact, Ingestion, Inhalation, Skin Contact

### Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Name according to EEC</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> |
|----------------|------------------------------|------------------|--------------------|-------------------|
| 13463-67-7     | TITANIUM DIOXIDE             | >10000 mg/kg Rat | N.I.               | N.I.              |
| 111-46-6       | DIETHYLENE GLYCOL            | 12565 mg/kg Rat  | 11890 mg/kg Rabbit | N.I.              |

N.I. - No Information

## Section 12. Ecological information

**ECOLOGICAL INFORMATION:** Ecological evaluation of this material has not been performed; however, do not allow the product to be released to the environment without governmental approval/permits. Discharge into the environment must be avoided.

## Section 13. Disposal considerations



**DISPOSAL METHOD:** The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers.

## Section 14. Transport information

**SPECIAL TRANSPORT PRECAUTIONS:** No Information

**International transport regulations**

| Regulatory Information: | UN/NA Number | Proper Shipping Name | Classes/ *PG | Reportable Quantity (RQ) |
|-------------------------|--------------|----------------------|--------------|--------------------------|
| CFR                     |              | Not regulated        |              |                          |
| IMO/IMDG                |              | Not regulated        |              |                          |
| IATA                    |              | Not regulated        |              |                          |

**Section 15. Regulatory information****U.S. Federal Regulations:****CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| BENZOIC ACID         | 65-85-0        |

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

| <u>Chemical Name</u>     | <u>CAS-No.</u> |
|--------------------------|----------------|
| ALUMINA (ALUMINUM OXIDE) | 1344-28-1      |

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA components exist in this product.

**U.S. State Regulations:****NEW JERSEY RIGHT-TO-KNOW:**

The following hazardous materials are listed.

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| TITANIUM DIOXIDE     | 13463-67-7     |
| STYRENE MONOMER      | 100-42-5       |
| HYDROQUINONE         | 123-31-9       |
| ISOPROPYL ALCOHOL    | 67-63-0        |
| MINERAL SPIRITS      | 8032-32-4      |
| ETHYLBENZENE         | 100-41-4       |

**PENNSYLVANIA RIGHT-TO-KNOW**

The following hazardous ingredients are present:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| TITANIUM DIOXIDE     | 13463-67-7     |
| DIETHYLENE GLYCOL    | 111-46-6       |
| STYRENE MONOMER      | 100-42-5       |
| HYDROQUINONE         | 123-31-9       |
| ISOPROPYL ALCOHOL    | 67-63-0        |
| MINERAL SPIRITS      | 8032-32-4      |
| ETHYLBENZENE         | 100-41-4       |

**U.S. State Regulations:****MASSACHUSETTS RIGHT-TO-KNOW:**

The following hazardous materials are listed.

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| TITANIUM DIOXIDE     | 13463-67-7     |
| STYRENE MONOMER      | 100-42-5       |
| HYDROQUINONE         | 123-31-9       |
| ISOPROPYL ALCOHOL    | 67-63-0        |
| ETHYLBENZENE         | 100-41-4       |

### CALIFORNIA PROPOSITION 65 CARCINOGENS

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

| <u>Chemical Name</u> | <u>CAS-No.</u> |
|----------------------|----------------|
| TITANIUM DIOXIDE     | 13463-67-7     |
| CARBON BLACK         | 1333-86-4      |
| ETHYLBENZENE         | 100-41-4       |

### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

## International Regulations

### CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class:** No Information

|                             |  |                                       |
|-----------------------------|--|---------------------------------------|
| <b>Chemical Inventories</b> | <b>Australia inventory (AICS)</b>        | Not Determined                        |
|                             | <b>Canada inventory (DSL)</b>            | Not Determined                        |
|                             | <b>Japan Inventory (ENCSC)</b>           | Not Determined                        |
|                             | <b>China Inventory (IECSC)</b>           | Not Determined                        |
|                             | <b>Korea Inventory (KECI)</b>            | Not Determined                        |
|                             | <b>New Zealand (NZIoC)</b>               | Not Determined                        |
|                             | <b>Philippines (PICCS)</b>               | Not Determined                        |
|                             | <b>United States Inventory (TSCA 8b)</b> | All components are listed or exempted |

### Section 16. Other information, including date of preparation of the last revision

|                               |                       |                         |         |
|-------------------------------|-----------------------|-------------------------|---------|
| <b>Revision Date:</b>         | 11/24/2015            | <b>Supersedes Date:</b> | New SDS |
| <b>Reason for revision:</b>   | No Information        |                         |         |
| <b>Datasheet produced by:</b> | Regulatory Department |                         |         |

### HMIS Ratings:

|                |    |                      |   |                    |   |                             |      |                        |   |
|----------------|----|----------------------|---|--------------------|---|-----------------------------|------|------------------------|---|
| <b>Health:</b> | 2* | <b>Flammability:</b> | 2 | <b>Reactivity:</b> | 0 | <b>Personal Protection:</b> | N.I. | <b>Chronic Rating:</b> | * |
|----------------|----|----------------------|---|--------------------|---|-----------------------------|------|------------------------|---|

**Volatile Organic Compounds, gr/ltr:** Not Determined

### Icons for GHS Pictograms shown in Section 3 describing each ingredient:

No GHS Pictograms exist for Section 3

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

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