1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

**Section 1.1 Product Identifier**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Hawk Epoxy F5 Light Density Fairing Filler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Form</td>
<td>Powder</td>
</tr>
<tr>
<td>Other means of identification</td>
<td>F5</td>
</tr>
</tbody>
</table>

**Section 1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture: Hawk Epoxy

**Section 1.3 Details of the supplier of the safety data sheet**

New Nautical Coatings, Inc.
Sea Hawk Premium Yacht Finishes
14805 49th Street North
Clearwater, FL 33762
USA Only: 1-800-528-0997
International: (727) 523-8053

**Section 1.4 Emergency Telephone Number**

CHEMTREC day or night inside USA & Canada: 1-800-424-9300.
CHEMTREC day or night outside USA & Canada: +1-703-741-5970.
Poison Control Center: 1-800-222-1222

2. HAZARDS IDENTIFICATION

*Not classified as hazardous for use/supply*

Dust may cause irritation, experienced as stinging with excessive blinking and tear production.

Material may contain trace amount (<0.2%) of free formaldehyde, which is listed by IARC, NTP and OSHA as a carcinogen. There should be minimal risk when adequate ventilation is used due to the very low formaldehyde concentration.
3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS no.</th>
<th>EC no.</th>
<th>Weight %</th>
<th>Risk phrases</th>
<th>Hazard Statements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fully polymerized phenolic resin, inert</td>
<td>NA</td>
<td>NA</td>
<td>&gt;99.8</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Formaldehyde*</td>
<td>50-00-0</td>
<td>200-001-8</td>
<td>&lt;0.2</td>
<td>R45, R68, R23/24/25, R34, R43</td>
<td>H350, H341, H331, H311, H301, H314, H317</td>
</tr>
</tbody>
</table>

Note*: Material is not considered hazardous in the classification of product as its concentration is below concentration cut-off point

Phenoset microspheres is an ‘article’ fulfilling the exemption of substance registration requirements under REACH article 7(1).

4. FIRST AID MEASURES

Skin contact:
Remove contaminated clothing. Wash skin with soap and water. Obtain medical attention if irritation persists. Wash clothing before reuse.

Eye contact:
Immediately flush eyes with water and continue for several minutes. Obtain medical attention if discomfort persists.

Inhalation:
If signs and symptoms develop, remove person to fresh air. If signs or symptoms persist, obtain medical attention.

Ingestion:
Do not induce vomiting unless instructed to do so by medical personnel. Unless unconscious, give victim lots of water. Obtain medical attention.

Notes to physician:
There is no specific antidote. Treatment or overexposure should be directed at the control of the symptoms and the clinical condition of the patient

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing media:
Apply alcohol type or all-purpose type foams by manufacturers recommended techniques for large fires. Use carbon monoxide or dry chemical media for small fires.
Do not direct a solid stream of water or foam into burning molten material; this may cause spattering and spread of fire.

Extinguishing media to be avoided:
None

Unusual fire and explosion hazards:
Avoid dispersion of dust in air to reduce potential of dust ignition / explosion.

Special protective equipment for fire fighters:
Use self-contained breathing apparatus and protective coating.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Wear suitable protective clothing.

Methods for cleaning up:
Ventilate with fresh air. Collect as much of the spilled material as possible. Use wet sweeping or water to avoid dusting. Collect and place in a closed container. Dispose as approved by your State Regulations.
7. HANDLING AND STORAGE

7.1 Handling

**General precaution:**
- For industrial and professional use only.
- Avoid dispersion of dust in air.
- Electrically bond and ground equipment.
- Avoid sparks and flame under dust conditions.
- Use with adequate ventilation.

**Ventilation:**
Special, local ventilation is recommended in areas where containers are opened and their containers are discharged or in any areas where dusting conditions may occur.

**Other precaution**
(Caution) May undergo spontaneous smouldering if stored or heated in bulk above 35°C under conditions allowing air ingress to the product. Store package material in a cool, well-ventilated area.

Do not store in the sun.

Do not dry in package – use special drying instructions as below.

Microspheres will undergo oxidation at elevated temperatures. Due to the microspheres’ excellent insulating characteristics, the internal temperature of the mass can increase to the point where spontaneous ignition and smouldering can occur. The temperature at which this occurs is a function of the geometry, amount of material being heated and available oxygen. Smouldering appears as a soft glow similar to burning charcoal.

**Drying instructions for the Phenoset microspheres:**
To reduce the moisture content of this product to less than 4%, dry a two-inch layer of the product at a maximum temperature of 75°C for 24 hours. To prevent oven or product contamination, the metal drying tray should be covered with a cloth that will allow the product moisture to evaporate.

7.2 Storage

Keep container closed.

7.3 Specific use(s)

For industrial and professional use only.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure limit values

No exposure limit has been established.

8.2 Exposure controls

8.2.1 Occupational exposure controls

<table>
<thead>
<tr>
<th>Protection</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory protection</td>
<td>Dust respirator, if dusting occurs</td>
</tr>
<tr>
<td>Hand protection</td>
<td>General working gloves are acceptable.</td>
</tr>
<tr>
<td>Eye protection</td>
<td>Safety glasses</td>
</tr>
<tr>
<td>Other protective equipment</td>
<td>Eye bath and safety shower. Adequate ventilation.</td>
</tr>
</tbody>
</table>

8.2.2 Environmental exposure controls

None established.
### 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Red brown, fine powder</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>&gt;10,000, Fully cured C-stage</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.20 – 0.80</td>
</tr>
<tr>
<td>Self-ignition temperature</td>
<td>500°C (ASTM D1929)</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Does not boil</td>
</tr>
<tr>
<td>Melting point</td>
<td>Does not melt</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not soluble in water</td>
</tr>
</tbody>
</table>

### 10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>Stable</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>None known</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>Strong acids and base, halogens, acyl halides</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>Carbon monoxide, carbon dioxide, formaldehyde and phenol derivatives upon decomposition.</td>
</tr>
<tr>
<td>Hazardous polymerisation</td>
<td>Will not occur.</td>
</tr>
</tbody>
</table>

### 11. TOXICOLOGICAL INFORMATION

**Effects from inhalation:**
Upper respiratory tract irritation – signs/symptoms may include sneezing, cough, and nasal discharge.

**Effects from ingestion:**
Gastrointestinal irritation.

**Effects from skin contact:**
Mechanical skin irritation. May result in itching.

**Effects from eye contact:**
Mechanical eye irritation. Signs and symptoms may include pain, redness and tears.

**Significant data with possible relevance to human health**
Formaldehyde has been shown to cause cancer in laboratory animals and mutations in a variety of in-vitro test systems. The relevance of these findings for human is unknown. Formaldehyde is listed as a carcinogen by IARC, NTP and OSHA.

### 12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecotoxicity</td>
<td>None known</td>
</tr>
<tr>
<td>Mobility</td>
<td>Does not dissolve in water</td>
</tr>
<tr>
<td>Persistence and degradability</td>
<td>Not determined</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

### 13. DISPOSAL CONSIDERATIONS

Dispose off in accordance with appropriate National and local regulations.
14. TRANSPORT INFORMATION

<table>
<thead>
<tr>
<th>UN Number, ADR/RID:</th>
<th>Not restricted for transportation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMDG/ICAO:</td>
<td>Not restricted for transportation.</td>
</tr>
<tr>
<td>MONT-BLANC:</td>
<td>Not restricted for transportation.</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

**Label Elements [Regulations (EC) No. 1272/2008]**

None – Not classified as hazardous

**Inventory Listed In:**
- China IECSC, EU EINECS, US TSCA, Canada DSL, Japan ENCS, Korea KECL, Taiwan NECI,
- Philippine PICCS, Australia AICS, New Zealand NZIoC

16. OTHER INFORMATION

**Text of R phrases referred to under headings 3**

- R45 May cause cancer
- R68 Possible risk of irreversible effects
- R23/24/25 Toxic by inhalation, in contact and if swallowed
- R34 Causes burns
- R43 May cause sensitization by skin contact
- H317 May cause an allergic skin reaction

**Text of H phrases referred to under headings 3**

- H350 May cause cancer
- H341 Suspected of causing genetic defects
- H331 Toxic if inhaled
- H311 Toxic in contact with skin
- H301 Toxic if swallowed
- H314 Causes severe skin burns and eye damage
- H317 May cause an allergic skin reaction

**Product category:**
Phenoset microspheres is an ‘article’ fulfilling the exemption of substance registration requirements under REACH article 7(1).

**Text on Label:**
CAUTION! May undergo spontaneous smouldering if stored or heated in bulk above 35C under conditions allowing air ingress to the product.
Store in cool, well-ventilated area.
Do not store in the sun
Do not dry in package – refer special drying instructions.
FOR INDUSTRIAL USE ONLY

**Recommended usage and restrictions:**
Please consult the product and/or applications information bulletins for this product.

**Disclaimer**
The information contains herein is correct to the best of our knowledge. We disclaim any liability as to the recommendations or completeness of the information. The final evaluation on the fitness of use lies on the user’s digression. All material has hidden hazards and should be used with extreme care. Even though various hazards had been listed herein, we do not warranty that those are the only existing hazards.

**Revision Date:** 03 April 2015
**Revision Summary:** Section 3 – classification of formaldehyde.
Section 16 – Text of R- and H-phrases