






## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

1. Identification of the substance/mixture and of the company/undertaking.	
Product Identifier	For Professional Use Only.
Trade Name	Symphony Narrowboat Paint Topcoat Gloss.
Relevant identified uses of the substance and uses advised	Surface Coating.
Application of the Substance	Surface Coating.
Manufacturer/Supplier	Symphony Coatings (West Midlands) Ltd 197-199 Bradford Street Digbeth Birmingham B12 0JD  Tel: +44 (0)121 693 4020 Email: sales@symphonywestmidlands.co.uk

2. Hazards Identification.													
Classification of the Substance According to Directive 67/548/EEC or Directive 1999/45/EC.	 <u>Irritant</u> R22-65: Harmful if swallowed. Harmful: may cause lung damage if swallowed.   <u>Environmental</u> R51-53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.   <u>Flammable</u> R10: Flammable.												
Classification System.	The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.												
Risk Phrases.	<table border="1"> <tbody> <tr> <td>R10</td> <td>Flammable.</td> </tr> <tr> <td>R22</td> <td>Harmful if swallowed.</td> </tr> <tr> <td>R43</td> <td>May cause sensitisation by skin contact.</td> </tr> <tr> <td>R51/53</td> <td>Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</td> </tr> <tr> <td>R65</td> <td>Harmful: may cause lung damage if swallowed.</td> </tr> <tr> <td>R67</td> <td>Vapours may cause drowsiness and dizziness.</td> </tr> </tbody> </table>	R10	Flammable.	R22	Harmful if swallowed.	R43	May cause sensitisation by skin contact.	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.	R65	Harmful: may cause lung damage if swallowed.	R67	Vapours may cause drowsiness and dizziness.
R10	Flammable.												
R22	Harmful if swallowed.												
R43	May cause sensitisation by skin contact.												
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.												
R65	Harmful: may cause lung damage if swallowed.												
R67	Vapours may cause drowsiness and dizziness.												
Safety Phrases.	<table border="1"> <tbody> <tr> <td>23</td> <td>Do not breathe fumes/vapour/spray.</td> </tr> </tbody> </table>	23	Do not breathe fumes/vapour/spray.										
23	Do not breathe fumes/vapour/spray.												









## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

	25	Avoid contact with eyes.
	36	Wear suitable protective clothing.
	43	In case of fire, use water or powdered extinguishing agent.
	45	In case of accident or if you feel unwell, seek medical advise immediately.
	57	Use appropriate container to avoid environmental contamination.
	60	This material and its container must be disposed of as hazardous waste.
	61	Avoid Release to the environment. Refer to special Instructions/Safety Data Sheets.
<b>Special Labelling of Certain Preparations.</b>	Contains 2-butanone oxime. May produce an allergic reaction. Contains p-mentha-1,8(9)-diene, 2 butanone oxime. May produce an allergic reaction.	
<b>Other Hazards.</b>	<b>Results of PBT and vPvB assessment</b> PBT: Not applicable. vPvB: Not applicable.	

### 3. Composition/Information on Ingredients.

<b>Chemical Characterisation: Mixtures Description.</b>	Mixture of substances listed below with non-hazardous additions.		
<b>Dangerous Components.</b>	CAS: 64742-82-1 EINECS: 265-185-4	Naphtha (petroleum), hydrodesulphurised heavy  R65  R51/53 R10-66-67	25-50%
	CAs: 138-86-3 EINECS: 205-341-0	p-mentha-1,8(9)-diene  R38  R43  R50/53 R10	≤2.5%
	CAS: 96-29-7 EINECS: 202-496-6	2-butanone oxime  R21-40  R41  R43	≤2.5%
<b>Additional Information.</b>	For the wording of the listed risk phrases refer to section 16.		

### 4. First Aid Measures.

<b>General Information.</b>	Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
<b>After Inhalation.</b>	Supply fresh air; consult doctor in case of complaints.
<b>After Skin Contact.</b>	Generally the product does not irritate the skin.
<b>After Eye Contact.</b>	Rinse opened eye for several minutes under running water.
<b>After Swallowing.</b>	Call for a doctor immediately.



## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

<b>Information for Doctor.</b>	Most important symptoms and effects, both acute and delayed.	No further relevant information available.
	Indication of any immediate medical attention and special treatment needed.	No further relevant information available.

### 5. Firefighting Measures.

<b>Suitable Extinguishing Agents.</b>	CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b>Unsuitable Extinguishing Agents.</b>	Water with full jet.
<b>Special Hazards Arising from the Substance.</b>	No further relevant information available.
<b>Advice for Firefighters.</b>	Protective equipment: Put on breathing apparatus.

### 6. Accidental Release Measures.

<b>Personal Precautions, Protective Equipment and Emergency Procedures.</b>	Wear protective equipment. Keep unprotected persons away.
<b>Environmental Precautions.</b>	Inform respective authorities in case of seepage into water course or sewage system.
<b>Methods and Material for Containment and Cleaning up.</b>	<ul style="list-style-type: none"> <li>Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).</li> <li>Do not flush with water or aqueous cleansing agents.</li> <li>Dispose contaminated material as waste according to item 13.</li> <li>Ensure adequate ventilation.</li> </ul>
<b>Reference to other Sections.</b>	<ul style="list-style-type: none"> <li>See Section 7 for information on safe handling.</li> <li>See Section 8 for information on personal protection equipment.</li> <li>See Section 13 for disposal information.</li> </ul>

### 7. Handling & Storage.



<b>Handling.</b>	<b>Precautions for Safe Handling.</b>	<ul style="list-style-type: none"> <li>Ensure good ventilation/extraction at the workplace.</li> <li>Prevent formation of aerosols.</li> </ul>
	<b>Information about Fire and Explosion Protection.</b>	<ul style="list-style-type: none"> <li>Keep ignition sources away - Do not smoke.</li> <li>Protect against electrostatic charges.</li> </ul>
<b>Storage.</b>	<b>Requirements to be Met by Storerooms and Receptacles.</b>	No special requirements.
	<b>Information about Storage in One Common Storage Facility.</b>	Not required.
	<b>Further Information about Storage Conditions.</b>	Keep receptacle tightly sealed.

## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

	<b>Specific End Use(s).</b>	No further relevant information available.
--	-----------------------------	--

8. Exposure Controls/Personal Protection		
<b>Additional information about design of technical facilities.</b>	No further data; see item 7.	
<b>Control parameters.</b>	<b>Ingredients with limit values that require monitoring at the workplace.</b>	The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
	<b>Additional information.</b>	The lists valid during the making were used as basis.
<b>Exposure controls &amp; Personal Protective Equipment.</b>	<b>General protective and hygienic measures.</b>	<ul style="list-style-type: none"> <li>Keep away from foodstuffs, beverages and feed.</li> <li>Wash hands before breaks and at the end of work.</li> </ul>
	<b>Respiratory protection.</b>	<ul style="list-style-type: none"> <li>When spraying the product, use a respiratory protective device.</li> </ul>
	<b>Protection of hands.</b> 	<ul style="list-style-type: none"> <li>When skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product.</li> <li>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</li> <li>Selection of the glove material on consideration of the penetration times, rates of diffusion and the</li> <li>Degradation.</li> <li>The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.</li> </ul>
	<b>Eye protection.</b> 	<ul style="list-style-type: none"> <li>Tightly Sealed Goggles.</li> </ul>



## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

9. Physical and Chemical Properties		
Information on basic physical and chemical properties.	<b>Appearance.</b>	Fluid Liquid.
	<b>Colour.</b>	According to product specification.
	<b>Odour.</b>	Characteristic.
	<b>Odour threshold.</b>	Not determined.
<b>pH-value.</b>	Not determined.	
<b>Change in condition.</b>	<b>Melting point/Melting range.</b>	Undetermined.
	<b>Boiling point/Boiling range.</b>	150 °C
<b>Flash point.</b>	38 °C	
<b>Flammability (solid, gaseous)</b>	Not applicable.	
<b>Ignition temperature.</b>	230 °C	
<b>Decomposition temperature.</b>	Not determined.	
<b>Self-igniting.</b>	Product is not self-igniting.	
<b>Danger of explosion.</b>	Product is not explosive. However, formation of explosive air/vapour mixtures is possible.	
<b>Explosion limits.</b>	<b>Lower</b>	Not determined.
	<b>Upper</b>	Not determined.
<b>Vapour pressure.</b>	Not determined.	
<b>Density</b>	<b>Density at 20 °C.</b>	1.26 g/cm <sup>3</sup>
	<b>Relative density.</b>	Not determined.
	<b>Vapour density.</b>	Not determined.
	<b>Evaporation rate.</b>	Not determined.
<b>Solubility in/Miscibility with water.</b>	Not miscible.	
<b>Partition coefficient (n-octanol/water).</b>	Not determined.	
<b>Viscosity.</b>	<b>Dynamic.</b>	Not determined.
	<b>Kinematic.</b>	Not determined.
<b>Solvent content.</b>	17.0% (Organic solvents)	
<b>Solids content.</b>	61.6% No further relevant information available.	

10. Stability & Reactivity	
<b>Thermal decomposition conditions to be avoided.</b>	No decomposition if used according to specifications.
<b>Possibility of hazardous reactions.</b>	No dangerous reactions known.
<b>Conditions to avoid.</b>	No further relevant information available.



## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

<b>Incompatible materials.</b>	No further relevant information available.
<b>Hazardous decomposition products.</b>	No dangerous decomposition products known.

11. Toxicological Information		
<b>Acute toxicity &amp; Primary irritant effect.</b>	<b>On the skin.</b>	No irritant effect.
	<b>On the eye.</b>	No irritating effect.
<b>Sensitization.</b>	No sensitizing effects known.	
<b>Additional toxicological information.</b>	<ul style="list-style-type: none"> <li>The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.</li> <li>Harmful.</li> </ul>	

12. Ecological Information		
<b>Toxicity.</b>	<b>Aquatic toxicity.</b>	No further relevant information available.
	<b>Persistence and degradability.</b>	No further relevant information available.
<b>Behaviour in environmental systems.</b>	<b>Bioaccumulative potential.</b>	No further relevant information available.
	<b>Mobility in soil.</b>	No further relevant information available.
<b>Ecotoxicological effects.</b>	Toxic for fish	
<b>Additional ecological information.</b>	<ul style="list-style-type: none"> <li>Also poisonous for fish and plankton in water bodies.</li> <li>Toxic for aquatic organisms.</li> <li>Water hazard class 1 (German Regulation) (Self-assessment):slightly hazardous for water.</li> <li>Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.</li> </ul>	
<b>Results of PBT and vPvB assessment.</b>	<b>PBT.</b>	Not applicable.
	<b>vPvB.</b>	Not applicable.
<b>Other adverse effects.</b>	No further relevant information available.	



13. Disposal Considerations.	
<b>Waste treatment methods.</b>	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
<b>Uncleansed packaging.</b>	Disposal must be made according to official regulations.



## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

14. Transportation Information.		
<b>UN Number ADR, IMDG, IATA</b>	UN1263	
<b>UN proper shipping name.</b>	<b>ADR</b>	1263 PAINT (not viscous), ENVIRONMENTALLY HAZARDOUS
	<b>IMDG</b>	PAINT (Naphtha (petroleum), hydrodesulphurised heavy, DIPENTENE), MARINE POLLUTANT
	<b>IATA</b>	PAINT
<b>Transport hazard class(es)</b>	<b>ADR IMDG IATA</b>	  Class: 3 Flammable Liquids. Label: 3
<b>Packaging Group ADR, IMDG, IATA.</b>	///	
<b>Environmental Hazards.</b>	Product contains environmentally hazardous substances: p-mentha-1,8(9)-diene.	
<b>Marine Pollutants.</b>	No.	
<b>Special Marking (ADR).</b>	Symbol (fish and tree).	
<b>Special precautions for user.</b>	Warning: Flammable liquids.	
<b>Danger code (Kemler).</b>	30	
<b>EMS Number</b>	F-E,S-E	
<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code.</b>	Not applicable.	
<b>Transport/Additional information. ADR</b>	<b>Limited quantities (LQ)</b>	5L
	<b>Transport category</b>	3
	<b>Tunnel restriction code</b>	D/E

15. Regulatory Information.								
Safety, health and environmental regulations/legislation specific for the substance or mixture.								
National regulations.								
<b>Technical instructions (air).</b>	<table border="1"> <thead> <tr> <th>Class</th> <th>Share in %</th> </tr> </thead> <tbody> <tr> <td>I</td> <td>0.3</td> </tr> <tr> <td>NK</td> <td>16.9</td> </tr> </tbody> </table>		Class	Share in %	I	0.3	NK	16.9
Class	Share in %							
I	0.3							
NK	16.9							
<b>Chemical safety assessment.</b>	A Chemical Safety Assessment has not been carried out.							



## Undercoat - Health & Safety Data Sheet

According to 1907/2006/EC, Article 31

Revision: 01/03/2014

16. Other Information	
This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.	
<b>Relevant phrases</b>	R10      Flammable.
	R21      Harmful in contact with skin.
	R40      Limited evidence of a carcinogenic effect.
	R41      Risk of serious damage to eyes.
	R43      May cause sensitisation by skin contact.
	R51/53    Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65      Harmful: may cause lung damage if swallowed.
	R66      Repeated exposure may cause skin dryness or cracking.
R67      Vapours may cause drowsiness and dizziness.	
<b>Issued By.</b>	Symphony Coatings (West Midlands) Ltd 197-199 Bradford Street Digbeth Birmingham B12 0JD
<b>Contact.</b>	James Nuttall +44 (0)121 693 4020