SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier
Product name 525/C262 - TROPICAL KILLA ANTIFOULING - RED
Product No. 525/C262/65

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses AS A COATING TO DISCOURAGE FOULANT FORMATION ON BOAT HULLS AND MARINE STRUCTURES

1.3. Details of the supplier of the safety data sheet
Supplier TEAL & MACKRILL LIMITED
LOCKWOOD STREET
HULL
HU2 0HN
+44(0)1482 320194(T)
+44(0)1482 219266(F)
info@teamac.co.uk

Contact Person Technical Department - 08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri as above

1.4. Emergency telephone number
+44 (0) 1482 320194 (08.30 - 16.30 hrs Mon - Thurs, 08.30 - 15.00 hrs Fri)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture
Classification (EC 1272/2008)
- Physical and Chemical Hazards Flam. Liq. 3 - H226
- Human health EUH066;Skin Sens. 1 - H317;STOT SE 3 - H336
- Environment Aquatic Chronic 2 - H411

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements
Contains ROSIN
Label In Accordance With (EC) No. 1272/2008

Signal Word Warning
Hazard Statements
- H226 Flammable liquid and vapour.
- H317 May cause an allergic skin reaction.
- H336 May cause drowsiness or dizziness.
- H411 Toxic to aquatic life with long lasting effects.
Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P501A Dispose of contents/container to special waste collection point

Supplementary Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P272 Contaminated work clothing should not be allowed out of the workplace.
P261 Avoid breathing vapour/spray.
P321 Specific treatment (see medical advice on this label).
P370+378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P333+313 If skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P391 Collect spillage.
P403+233 Store in a well-ventilated place. Keep container tightly closed.
P403+235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container to special waste collection point.

Supplemental label information

EUH066 Repeated exposure may cause skin dryness or cracking.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>10-30%</td>
</tr>
</tbody>
</table>

CAS-No.: 1317-65-3  EC No.: 215-279-6


<table>
<thead>
<tr>
<th>Chemical</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>COPPER (I) OXIDE</td>
<td>18.15% w/w</td>
</tr>
</tbody>
</table>

CAS-No.: 1317-39-1  EC No.: 215-270-7

Classification (EC 1272/2008):
Acute Tox. 4 - H302
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Classification (67/548/EEC):
Xn;R22
N;R50/53
### WHITE SPIRIT

**CAS-No.:** EC No.: 919-446-0  
Registration Number: 01-2119458049-33-XXXX

**Classification (EC 1272/2008)**  
Flam. Liq. 3 - H226  
EUH066  
STOT SE 3 - H336  
Asp. Tox. 1 - H304  
Aquatic Chronic 2 - H411

**Classification (67/548/EEC)**  
Xn;R65.  
N;R51/53.  
R10,R66,R67.

### Hydrocarbons, C9, aromatics

**CAS-No.:** EC No.: 918-668-5  
Registration Number: 01-2119455851-35-xxxx

**Classification (EC 1272/2008)**  
Flam. Liq. 3 - H226  
EUH066  
STOT SE 3 - H335, H336  
Asp. Tox. 1 - H304  
Aquatic Chronic 2 - H411

**Classification (67/548/EEC)**  
Xn;R65.  
Xi;R37.  
N;R51/53.  
R10,R66,R67.

### ROSIN

**CAS-No.:** EC No.: 232-475-7  
Registration Number: 01-2119480418-32-0032

**Classification (EC 1272/2008)**  
Skin Sens. 1 - H317

**Classification (67/548/EEC)**  
R43

### Diatomaceous Earth

**CAS-No.:** EC No.: 310-127-6

**Classification (EC 1272/2008)**  
Not classified.

**Classification (67/548/EEC)**  
Not classified.

### Red Iron Oxide

**CAS-No.:** EC No.:

**Classification (EC 1272/2008)**  
Not classified.

**Classification (67/548/EEC)**  
Not classified.

### Barium Sulphate

**CAS-No.:** EC No.: 231-784-4  
Registration Number: 01-2119491274-35-0001

**Classification (EC 1272/2008)**  
Not classified.

**Classification (67/548/EEC)**  
Not classified.
525/C262 - TROPICAL KILLA ANTIFOULING - RED

 ETHANOL

 CAS-No.: 64-17-5 EC No.: 200-578-6 Registration Number: 01-2119457610-43-xxxx

 Classification (EC 1272/2008) Classification (67/548/EEC)
 Fl. Liq. 2 - H225 F;R11

 METHANOL

 CAS-No.: 67-56-1 EC No.: 200-659-6

 Classification (EC 1272/2008) Classification (67/548/EEC)
 Fl. Liq. 2 - H225 F;R11
 Acute Tox. 3 - H301 T;R23/24/25,R39/23/24/25
 Acute Tox. 3 - H311
 Acute Tox. 3 - H331
 STOT SE 1 - H370

 The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information
Get medical attention if any discomfort continues.

Inhalation
Move into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. Place unconscious person on the side in the recovery position and ensure breathing can take place.

Ingestion
Get medical attention immediately! DO NOT INDUCE VOMITING!

Skin contact
Remove contaminated clothing immediately and wash skin with soap and water. DO NOT use solvents or thinners

Eye contact
Make sure to remove any contact lenses from the eyes before rinsing. Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Consult a physician for specific advice.

4.2. Most important symptoms and effects, both acute and delayed

General information
The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

4.3. Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards
In case of fire, toxic gases may be formed (COx, NOx). Fire creates: Acrid smoke/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2). Nitrous gases (NOx).
5.3. Advice for firefighters

Protective equipment for fire-fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours and contact with skin and eyes. Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses. Contain spillages with sand, earth or any suitable adsorbent material. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Collect with absorbent, non-combustible material into suitable containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

6.4. Reference to other sections

For personal protection, see section 8.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Eliminate all sources of ignition. Risk of vapour concentration on the floor and in low-lying areas. Use explosion proof electric equipment. Do not eat, drink or smoke when using the product. Avoid inhalation of vapours/spray and contact with skin and eyes. The Manual Handling Operations Regulations may apply to the handling of containers of this product. To assist employers, the following method of calculating the weight for any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the coating in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.

7.2. Conditions for safe storage, including any incompatibilities


Storage Class
Flammable liquid storage. The storage and use of this product is subject to the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage od Danderous Substances: DSEAR. Up to 250 litres of liquids with a flashpoint above 32°C but below 55°C may be kept in a workroom provided they are kept in closed containers in a marked, fire-resisting cupboard or bin. Larger quantities must be kept in a separate, marked storeroom conforming to the structural requirements contained in the HSE guidance note Storage of Flammable Liquids in Containers.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters
## 525/C262 - TROPICAL KILLA ANTIFOULING - RED

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barium Sulphate</td>
<td>WEL</td>
<td>10 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Calcium Carbonate</td>
<td>WEL</td>
<td>10 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Diatomaceous Earth</td>
<td>WEL</td>
<td>1.2 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHANOL</td>
<td>WEL</td>
<td>1000 ppm</td>
<td>1920 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Hydrocarbons, C9, aromatics</td>
<td>WEL</td>
<td>19 ppm</td>
<td>100 mg/m³</td>
<td></td>
</tr>
<tr>
<td>METHANOL</td>
<td>WEL</td>
<td>200 ppm(Sk)</td>
<td>266 mg/m³(Sk)</td>
<td>333 mg/m³(Sk)</td>
</tr>
<tr>
<td>Red Iron Oxide</td>
<td>WEL</td>
<td>5 mg/m³</td>
<td>10 mg/m³</td>
<td>as Fe</td>
</tr>
<tr>
<td>ROSIN</td>
<td>WEL</td>
<td>0.05 mg/m³</td>
<td>0.15 mg/m³</td>
<td>Sen</td>
</tr>
<tr>
<td>WHITE SPIRIT</td>
<td>WEL</td>
<td>350 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.
Sen = Capable of causing occupational asthma.

### ROSIN (CAS: 8050-09-7)

<table>
<thead>
<tr>
<th>DNEL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Industry Dermal</td>
<td>Long Term</td>
</tr>
<tr>
<td>Industry Inhalation</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Dermal</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Inhalation</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Oral</td>
<td>Long Term</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PNEC</th>
<th>mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshwater</td>
<td>0.005</td>
</tr>
<tr>
<td>Marinewater</td>
<td>0.0005</td>
</tr>
<tr>
<td>STP</td>
<td>1000 mg/kg</td>
</tr>
<tr>
<td>Sediment (Freshwater)</td>
<td>108 mg/kg</td>
</tr>
<tr>
<td>Sediment (Marinewater)</td>
<td>10.8 mg/kg</td>
</tr>
<tr>
<td>Soil</td>
<td>21.4 mg/kg</td>
</tr>
</tbody>
</table>

### Butyl Diglycol Acetate (CAS: 124-17-4)

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
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<td>Industry Inhalation</td>
<td>Systemic Effects</td>
</tr>
<tr>
<td>Consumer Dermal</td>
<td>Systemic Effects</td>
</tr>
<tr>
<td>Consumer Inhalation</td>
<td>Systemic Effects</td>
</tr>
<tr>
<td>Consumer Oral</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PNEC</th>
<th>mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshwater</td>
<td>0.108</td>
</tr>
<tr>
<td>Marinewater</td>
<td>0.0108</td>
</tr>
<tr>
<td>Sediment (Freshwater)</td>
<td>0.8 mg/kg</td>
</tr>
<tr>
<td>Sediment (Marinewater)</td>
<td>0.08 mg/kg</td>
</tr>
</tbody>
</table>

### WHITE SPIRIT

<table>
<thead>
<tr>
<th>DNEL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer Oral</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Dermal</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Inhalation</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Inhalation</td>
<td>Short Term</td>
</tr>
<tr>
<td>Industry Inhalation</td>
<td>Long Term</td>
</tr>
<tr>
<td>Industry Dermal</td>
<td>Long Term</td>
</tr>
</tbody>
</table>

### Hydrocarbons, C9, aromatics

<table>
<thead>
<tr>
<th>DNEL</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumer Oral</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Dermal</td>
<td>Long Term</td>
</tr>
<tr>
<td>Consumer Inhalation</td>
<td>Long Term</td>
</tr>
<tr>
<td>Industry Dermal</td>
<td>Long Term</td>
</tr>
<tr>
<td>Industry Inhalation</td>
<td>Long Term</td>
</tr>
</tbody>
</table>

### 8.2. Exposure controls

Protective equipment
Process conditions
Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment
No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. In case of inadequate ventilation, use air-supplied full-mask.

Hand protection
Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

Eye protection
Wear splash-proof eye goggles to prevent any possibility of eye contact.

Hygiene measures
Wash promptly with soap & water if skin becomes contaminated. Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties
Appearance
Coloured liquid.
Colour
Red.
Odour
of solvents
Solubility
Insoluble in water
Relative density
1.48 - 1.52 @ 20°C
Vapour density (air=1)
Heavier than air
Viscosity
4.5 P.s @ 25°C
Flash point (°C)
38°C approx. CC (Closed cup).

9.2. Other information
Volatile By Vol. (%) 40
Volatile Organic Compound (VOC) 383 g/litre

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No specific reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions
Not determined.

10.4. Conditions to avoid
Avoid heat, flames and other sources of ignition. Avoid contact with acids and oxidising substances.

10.5. Incompatible materials
Materials To Avoid

10.6. Hazardous decomposition products
SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information
No data recorded.

General information
Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation
May cause irritation to the respiratory system. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Contains organic solvents which in case of overexposure may depress the central nervous system causing dizziness and intoxication.

Ingestion
Liquid irritates mucous membranes and may cause abdominal pain if swallowed. May irritate and cause stomach pain, vomiting and diarrhoea. May cause nausea, headache, dizziness and intoxication.

Skin contact
May be absorbed through the skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eye contact
Irritation of eyes and mucous membranes.

Route of entry
Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

Toxicological information on ingredients

ROSIN (CAS: 8050-09-7)

Toxic Dose 1 - LD 50
2800 mg/kg (oral rat)
Other Health Effects
This substance has no evidence of carcinogenic properties.

Acute toxicity:
Acute Toxicity (Oral LD50)
> 15000 mg/kg Rat
Minimally toxic via ingestion

Acute Toxicity (Dermal LD50)
~ 3400 mg/kg Rabbit
Not corrosive to skin Not irritating

Acute Toxicity (Inhalation LC50)
> 13.1 mg/l (vapours) Rat 4 hours

Serious eye damage/irritation:
Not Irritating.

Respiratory or skin sensitisation:
Respiratory sensitisation
Not determined.
There is evidence that the material can lead to respiratory hypersensitivity.
Not Sensitising.

Carcinogenicity:
Carcinogenicity
NOAEL 300 mg/kg Oral Rat

Reproductive Toxicity:
Reproductive Toxicity - Fertility
One-generation study: NOAEL >3000 mg/kg/day Oral Rat P
Reproductive Toxicity - Development
Developmental toxicity: NOAEC >300 ppm Inhalation. Rat

Specific target organ toxicity - single exposure:
Target Organs
Central nervous system

Specific target organ toxicity - repeated exposure:
STOT - Repeated exposure
NOAEL 1056 mg/kg Oral Rat

Aspiration hazard:
Viscosity
Kinematic viscosity <= 20.5 mm2/s.
Inhalation
No specific health warnings noted.
Ingestion
Harmful: may cause lung damage if swallowed. May cause stomach pain or vomiting.
Skin contact
May cause defatting of the skin, but is not an irritant. Not a skin sensitisier.
Eye contact
No specific health warnings noted.
Route of entry
Skin and/or eye contact. Inhalation.
Target Organs
Central nervous system
Acute toxicity:
Acute Toxicity (Oral LD50)
~ 3592 mg/kg Rat

Acute Toxicity (Dermal LD50)
> 3160 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)
> 6193 mg/l (vapours) Rat 4 hours

Serious eye damage/irritation:
Slightly Irritating.

Respiratory or skin sensitisation:
Not sensitising.
Not Sensitising.

Carcinogenicity:
This substance has no evidence of carcinogenic properties.

Specific target organ toxicity - single exposure:
Target Organs
Central nervous system  Respiratory system, lungs

Aspiration hazard:
Kinematic viscosity <= 20.5 mm2/s.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
There are no data on the ecotoxicity of this product. The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity
**525/C262 - TROPICAL KILLA ANTIFOULING - RED**

**Ecological information on ingredients.**

**ROSIN (CAS: 8050-09-7)**

Acute Toxicity - Fish  
NOEC 96 hours 1 mg/l Brachydanio rerio (Zebra Fish)

Acute Toxicity - Aquatic Invertebrates  
NOEC 48 hours 10 mg/l Daphnia magna

Acute Toxicity - Aquatic Plants  
NOEC 72 hours 100 mg/l Selenastrum capricornutum

**WHITE SPIRIT**

Dangerous for the environment if discharged into watercourses Toxic to aquatic organisms  
LC 50, 96 Hrs, Fish mg/l  
10 - 30  
EC 50, 48 Hrs, Daphnia, mg/l  
10 - 22  
IC 50, 72 Hrs, Algae, mg/l  
4.6 - 10

Chronic Toxicity - Aquatic Invertebrates  
NOEC 21 days < 0.28 mg/l Daphnia magna

**Hydrocarbons, C9, aromatics**

Toxic to aquatic organisms  
LC 50, 96 Hrs, Fish mg/l  
9.2  
EC 50, 48 Hrs, Daphnia, mg/l  
3.2

**12.2. Persistence and degradability**

Degradability  
No data available.

**Ecological information on ingredients.**

**ROSIN (CAS: 8050-09-7)**

Degradability  
The product is not readily biodegradable.  
Biodegradation  
Degradation (64%) 28 days

**WHITE SPIRIT**

Degradability  
The product is easily biodegradable.  
Biodegradation  
Degradation (75%) 28 days

**Hydrocarbons, C9, aromatics**

Degradability  
The product is easily biodegradable.  
Biodegradation  
Degradation (78%) 28 days

**12.3. Bioaccumulative potential**

Bioaccumulative potential  
No data available on bioaccumulation.
Ecological information on ingredients.

**ROSIN (CAS: 8050-09-7)**

Partition coefficient

log Kow > 6

Bioaccumulation factor

Scientifically unjustified.

Substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

Bioaccumulative potential

No data available on bioaccumulation.

**12.4. Mobility in soil**

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**WHITE SPIRIT**

Adsorption/Desorption Coefficient

Scientifically unjustified.

Volatilisation is dependent on Henry’s Law constant (HLC) which is not applicable to complex substances.

**Hydrocarbons, C9, aromatics**

Mobility:

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

**12.5. Results of PBT and vPvB assessment**

**WHITE SPIRIT**

Not Classified as PBT/vPvB by current EU criteria.

**Hydrocarbons, C9, aromatics**

**12.6. Other adverse effects**

The product contains volatile, organic compounds which have a photochemical ozone creation potential.

**WHITE SPIRIT**

This substance may contribute to ozone formation in the near surface atmosphere. However, the photochemical formation of ozone depends on a complex interaction of other atmospheric pollutant sources and environmental conditions. Therefore, the contribution of this substance to ozone formation is outside the scope of this substance assessment and is more appropriately addressed via EU air quality directives.

**Hydrocarbons, C9, aromatics**

Not determined.

---

**SECTION 13: DISPOSAL CONSIDERATIONS**

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**13.1. Waste treatment methods**

Do not allow runoff to sewer, waterway or ground.
525/C262 - TROPICAL KILLA ANTIFOULING - RED

Waste Class
When this coating, in its liquid state, as supplied, becomes a waste, it is categorised as hazardous waste, with code 08 01 11* (SOLVENT BASED LIQUID WASTE). Part-used containers, not drained and/or rigorously scraped out and containing dried residues of the supplied coating, are categorised as hazardous waste, with code 08 01 11* (SOLVENT BASED LIQUID WASTE). If mixed with other wastes, the above waste code may not be applicable. Used containers, drained and/or rigorously scraped out and containing dry residues of the supplied coating, are categorised as non-hazardous waste, with code 15 01 02 (plastic packaging) or 15 01 04 (metal packaging).

SECTION 14: TRANSPORT INFORMATION

General
This product is packed in accordance with the Limited Quantity Provisions of CDGCPL2, ADR and IMDG.

14.1. UN number

| UN No. (ADR/RID/ADN) | 1263 |
| UN No. (IMDG)       | 1263 |
| UN No. (ICAO)       | 1263 |

14.2. UN proper shipping name

| Proper Shipping Name | Contains Solvent Naphtha(Petroleum) & Trimethylbenzene, Class 3, PG III, (38 °C c.c.), MARINE POLLUTANTS |
| Proper Shipping Name | PAINT |

14.3. Transport hazard class(es)

| ADR/RID/ADN Class | 1263 |
| ADR/RID/ADN Class | Class 3: Flammable liquids. |
| IMDG Class       | 3 |
| ICAO Class/Division | 3 |

Transport Labels

| FLAMMABLE LIQUID |
| 3 |

14.4. Packing group

| ADR/RID/ADN Packing group | III |
| IMDG Packing group        | III |
| ICAO Packing group        | III |

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

14.6. Special precautions for user

| EMS | F-E, S-E |
| Tunnel Restriction Code | (D/E) |
14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
Statutory Instruments
Approved Code Of Practice
Guidance Notes
Workplace Exposure Limits EH40. CHIP for everyone HSG(108).
EU Legislation
National Regulations

15.2. Chemical Safety Assessment
No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments
Issued in new format for Reach compliance in accordance with EC 1272/2008 Issued in accordance with Annex II to REACH, as amended by Commission Regulation (EU) No. 453/2010 Update for CLP labelling.

Issued By
Technical Dept. (P.E.)

Revision Date
26/03/2015
Revision
6
Supersedes date
28/11/2012
SDS No.
10871
Safety Data Sheet Status
Approved.
Date
Date Printed .......................................
Signature
Initials .................................
Risk Phrases In Full
R10  Flammable.
R22  Harmful if swallowed.
R65  Harmful: may cause lung damage if swallowed.
R11  Highly flammable
R37  Irritating to respiratory system.
R43  May cause sensitisation by skin contact.
NC   Not classified.
R66  Repeated exposure may cause skin dryness or cracking.
R23/24/25  Toxic by inhalation, in contact with skin and if swallowed.
R51/53  Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R39/23/24/25  Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R67  Vapours may cause drowsiness and dizziness.
R50/53  Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full
H370  Causes damage to organs <<Organs>>.
H226  Flammable liquid and vapour.
H302  Harmful if swallowed.
H225  Highly flammable liquid and vapour.
H304  May be fatal if swallowed and enters airways.
H317  May cause an allergic skin reaction.
H336  May cause drowsiness or dizziness.
H335  May cause respiratory irritation.
EUH066  Repeated exposure may cause skin dryness or cracking.
H331  Toxic if inhaled.
H301  Toxic if swallowed.
H311  Toxic in contact with skin.
H411  Toxic to aquatic life with long lasting effects.
H410  Very toxic to aquatic life with long lasting effects.
H400  Very toxic to aquatic life.

Disclaimer
This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.