1. Product and company identification

1.1. Product identifier
INTERGARD 740 REED GREEN PART A
Product Code ECN005

1.2. Relevant identified uses of the substance or mixture and uses advised against
Intended use Refer Technical Data Sheet.
Application Method Refer Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet
Manufacturer International Paint (Korea) Limited
(8-6B/L Chilseo Industrial Complex),
626-6 Gyenae-Ri,
Chilseo-Myeon, Haman-Gun,
Gyeongsangnam-Do
Korea

Telephone No. 055-632-6286(R&D), 055 586 2310(Fact)
Fax No. 055 632-6287(R&D), 055 587 6276(Fact)

1.4. Emergency telephone number
For Poisons Advice telephone 055-586-2310(Factory) For Advice to Doctors & Hospitals only

2. Hazard identification of the product

2.1. Classification of the substance or mixture

2.2. Label elements
Using the Toxicity Data listed in section 11 & 12 the product is labelled as follows.

[Prevention]:
[Response]:
[Storage]:
[Disposal]:

2.3. Other hazards

3. Composition/information on ingredients

This product contains the following hazardous substances.

<table>
<thead>
<tr>
<th>Ingredient/Chemical Designations</th>
<th>Weight %</th>
<th>GHS Classification</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Naphtha (Petroleum), light aromatic</td>
<td>20-30</td>
<td>Asp. Tox. 1; H304</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0064742-95-6</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Epoxy Resin liquid</td>
<td>20-30</td>
<td>Eye Irrit. 2; H319, Skin Irrit. 2; H315,</td>
<td>[1]</td>
</tr>
<tr>
<td>CAS Number: 0025036-25-3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Substance</td>
<td>CAS Number</td>
<td>10-20</td>
<td>Description of first aid measures</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>------------</td>
<td>-------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>0013463-67-7</td>
<td>10-20</td>
<td>Skin Sens. 1; H317</td>
</tr>
<tr>
<td>Barium Sulphate</td>
<td>0007727-43-7</td>
<td>10-20</td>
<td>Skin Sens. 1; H317</td>
</tr>
<tr>
<td>Lead chromate C.I. Yellow 34</td>
<td>0001344-37-2</td>
<td>5-10</td>
<td>Carc. 1B; H350</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Repr. 1A; H360Df</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT RE 2; H373</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 1; H400</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 1; H410</td>
</tr>
<tr>
<td>1-METHOXYPROPAN-2-OL</td>
<td>0000107-98-2</td>
<td>5-10</td>
<td>Flam. Liq. 3; H226</td>
</tr>
<tr>
<td>Talc</td>
<td>0014807-96-6</td>
<td>2.5-5</td>
<td>STOT SE 3; H336</td>
</tr>
<tr>
<td>Xylene</td>
<td>0001330-20-7</td>
<td>1-2.5</td>
<td>Flam. Liq. 3; H226</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H312</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2; H315</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 2A; H319</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3; H336</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT RE 1; H372</td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>0000108-94-1</td>
<td>1-2.5</td>
<td>Flam. Liq. 3; H226</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Acute Tox. 4; H332</td>
</tr>
<tr>
<td>Silica (quartz)</td>
<td>0014808-60-7</td>
<td>1-2.5</td>
<td>Acute Tox. 4; H332</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>STOT RE 2; H373</td>
</tr>
<tr>
<td>Nonylphenol</td>
<td>0025154-52-3</td>
<td>&lt;1</td>
<td>Acute Tox. 4; H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin Corr. 1; H314</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Repr. 2; H361</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 1; H400</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 1; H410</td>
</tr>
</tbody>
</table>

[1] Substance classified with a health or environmental hazard.

*The full texts of the Hazard (H) phrases are shown in Section 16.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence do not require reporting in this section.

### 4. First aid measures

#### 4.1. Description of first aid measures

**General**

**Inhalation**

**Skin Contact**

**Eye Contact**

**Ingestion**

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

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

### 5. Fire-fighting measures

#### 5.1. Extinguishing media
5.2. Special hazards arising from the substance or mixture
5.3. Advice for fire-fighters

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
6.2. Environmental precautions
6.3. Methods and material for containment and cleaning up

7. Handling and storage

7.1. Precautions for safe handling
Handling

In Storage

7.2. Conditions for safe storage, including any incompatibilities

7.3. Specific end use(s)

8. Exposure controls and personal protection

8.1. Control parameters
Exposure standards are those provided by the ACGIH (American Conference of Government Industrial Hygenists).

<table>
<thead>
<tr>
<th>Material</th>
<th>Short term (15 min. ave) ppm</th>
<th>Long term (8hr time weighted average) ppm</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-METHOXYPROPAN-2-OL 1</td>
<td>150</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Barium Sulphate</td>
<td>540</td>
<td>360</td>
<td></td>
</tr>
<tr>
<td>Cyclohexanone</td>
<td>100</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Silica (quartz)</td>
<td>25</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Talc</td>
<td>0.1</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>2</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Xylene</td>
<td>150</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td></td>
<td>655</td>
<td>434</td>
<td></td>
</tr>
</tbody>
</table>

Key to notification
(P) Peak exposure limit
(R) Suppliers Recommended Limit
(Sk) There is a risk of absorption through unbroken skin
(Sen) Sensitiser
(Cat1) Category 1 - established human carcinogen
(Cat2) Category 2 - probable human carcinogen
(Cat3) Category 3 - substances suspected of having carcinogenic potential

DNEL/PNEC values
8.2. Exposure controls

Eye Protection

Skin Protection
Other

Respiratory Protection

Thermal hazards

9. Physical and chemical properties

Colour
Odour
Odour threshold
pH
Melting point / freezing point (°C)
Initial boiling point and boiling range (°C)
Flash Point (°C)
Evaporation rate (Ether = 1)
Flammability (solid, gas)
Upper/lower flammability or explosive limits

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapour LD50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LD50, mg/L/4hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-METHOXYPROPAN-2-OL - (107-98-2)</td>
<td>5,000.00, Rat</td>
<td>13,000.00, Rabbit</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Barium Sulphate - (7727-43-7)</td>
<td></td>
<td></td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

No further information

9.2. Other information

No further information

10. Stability and reactivity

10.1. Reactivity
10.2. Chemical stability
10.3. Possibility of hazardous reactions
10.4. Conditions to avoid
10.5. Incompatible materials
10.6. Hazardous decomposition products

11. Toxicological information

Acute toxicity

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Oral LD50, mg/kg</th>
<th>Skin LD50, mg/kg</th>
<th>Inhalation Vapour LD50, mg/L/4hr</th>
<th>Inhalation Dust/Mist LD50, mg/L/4hr</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-METHOXYPROPAN-2-OL - (107-98-2)</td>
<td>5,000.00, Rat</td>
<td>13,000.00, Rabbit</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Barium Sulphate - (7727-43-7)</td>
<td></td>
<td></td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>
### Item | Category | Hazard
--- | --- | ---
Acute Toxicity (mouth) | Not Classified | Not Applicable
Acute Toxicity (skin) | Not Classified | Not Applicable
Acute Toxicity (inhalation) | Not Classified | Not Applicable
Skin corrosion/irritation | Not Classified | Not Applicable
Eye damage/irritation | Not Classified | Not Applicable
Sensitization (respiratory) | Not Classified | Not Applicable
Sensitization (skin) | Not Classified | Not Applicable
Germ toxicity | Not Classified | Not Applicable
Carcinogenicity | Not Classified | Not Applicable
Reproductive Toxicity | Not Classified | Not Applicable
Specific target organ systemic toxicity (single exposure) | Not Classified | Not Applicable
Specific target organ systemic Toxicity (repeated exposure) | Not Classified | Not Applicable
Aspiration hazard | Not Classified | Not Applicable

### 12. Ecological information

#### 12.1. Toxicity

**Aquatic Ecotoxicity**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>96 hr LC50 fish, mg/l</th>
<th>48 hr EC50 crustacea, mg/l</th>
<th>ErC50 algae, mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Naphtha (Petroleum), light aromatic - (64742-95-6)</td>
<td>9.22, Oncorhynchus mykiss</td>
<td>6.14, Daphnia magna</td>
<td>19.00 (72 hr), Selenastrum capricornutum</td>
</tr>
<tr>
<td>Epoxy Resin liquid - (25036-25-3)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>Titanium dioxide - (13463-67-7)</td>
<td>1,000.00, Fundulus heteroclitus</td>
<td>5.50, Daphnia magna</td>
<td>5.83 (72 hr), Pseudokirchneriella subcapitata</td>
</tr>
<tr>
<td>Barium Sulphate - (7727-43-7)</td>
<td>59,000.00, Poecilia sphenops</td>
<td>32.00, Daphnia magna</td>
<td>Not Available</td>
</tr>
<tr>
<td>Lead chromate C.I. Yellow 34 - (1344-37-2)</td>
<td>10,000.00, Leuciscus idus</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>1-METHOXYPROPAN-2-OL - (107-98-2)</td>
<td>1,000.00, Oncorhynchus mykiss</td>
<td>500.00, Daphnia magna</td>
<td>1,000.00 (96 hr), Selenastrum capricornutum</td>
</tr>
</tbody>
</table>
12.2. Persistence and degradability
12.3. Bioaccumulative potential
12.4. Mobility in soil
12.5. Results of PBT and vPvB assessment
12.6. Other adverse effects

13. Disposal considerations
13.1. Waste treatment methods

14. Transport information

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)

Road and Rail Transport

IMDG reference: Class/Div Sub Class
Ems

ICAO/IATA Class Sub Class

14.4. Packing group

14.5. Environmental hazards

Road and Rail Environmentally Hazardous: Transport

IMDG reference: Marine Pollutant:

14.6. Special precautions for user
No further information

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Not Applicable

15. Regulatory information
The product and all its components comply with these local regulations:
NICNAS - Australia
EPA - New Zealand

<table>
<thead>
<tr>
<th>Act/Matter</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Korean OHS Act</td>
<td>See Section 2</td>
</tr>
<tr>
<td>Toxic Substances Act</td>
<td>Not Toxic</td>
</tr>
<tr>
<td>Dangerous Goods Act</td>
<td>Class 4 Flammable Liquid, 1st Petroleum Division, Hazard Class II</td>
</tr>
<tr>
<td>Waste Control Act</td>
<td>Hazardous Waste</td>
</tr>
</tbody>
</table>

16. Other information

The information on this SDS is based upon the present state of our knowledge and on current law. The product should not be used for purposes other than shown in the product data sheet without first obtaining written advice.

It is always the responsibility of the user to take all necessary steps to meet the demands of applicable legislation.

The information in this Safety Data Sheet is required according to legislation.

The full text of the phrases appearing in section 3 is:

H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H336 May cause drowsiness and dizziness.
H350 May cause cancer.
H360Df May damage the unborn child. Suspected of damaging fertility.
H372 Causes damage to organs through prolonged or repeated exposure.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

This SDS is valid for 5 years from the revised date on page 1.
The revision date is in American format (e.g. MM/DD/YY).

End of document

All information concerning this product and/or suggestions for handling and use contained herein are offered in good faith and are believed to be reliable. Akzo Nobel however makes no warranty as to the accuracy of and/or sufficiency of such information.