FACTICE VVO 350

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name: Factice VVO 350
Use of the substance/preparation: Industrial Applications
Supplier: Castle Chemicals Ltd, Peak House
6 Oxford Road, Altrincham, Cheshire WA14 2DY
Tel: +44 161 608 8800 Fax: +44 161 608 1910
Email: Info@castlechemicals.com

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW
This product has not been evaluated as a whole for health effects. Some vapors may be released upon heating or processing. The end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

Potential Health Effects

Routes of Exposure
Skin Contact

Acute Exposure
At process temperatures, product emissions may cause irritation.

Ingestion
May be harmful if swallowed.

Eyes
At process temperatures, product emissions may cause irritation.

Skin
Experience shows no unusual dermatitis hazard from routine handling.

Chronic exposure
Refer to Section 11 for Toxicological Information.

Medical Conditions

Aggravated by Exposure
None known.
3. COMPOSITION INFORMATION ON INGREDIENTS

There are no known hazardous components above regulatory thresholds in this product.

4. FIRST AID MEASURES

Skin contact: Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, seek medical attention.

Inhalation: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. When symptoms persist or in all cases of doubt seek medical advice.

Ingestion: Do not induce vomiting without medical advice. When symptoms persist or in all cases of doubt seek medical advice.

5. FIREFIGHTING MEASURES

Flash Point: Not Applicable

Flammable Limits:
- Upper Explosion Limit: Not Applicable
- Lower Explosion Limit: Not Applicable
- Autoignition Temperature: Not Relevant

Extinguishing media: Water, dry powder, foam, carbon dioxide (CO2).

Special Fire Fighting Procedures: Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

Unusual Fire/Explosion Hazards: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.

Environment Precautions: Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.

Cleaning up methods: Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

7. HANDLING AND STORAGE

Handling: No special precautions required

Storage: Keep in a dry, cool place.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Technical measures
Heat only in areas with appropriate exhaust ventilation.

Respiratory protection
No personal respiratory protective equipment normally required.

Skin protection
Long sleeved clothing.

Eye protection
Safety glasses with side-shields.

Hand protection
Protective gloves.

Feet protection
Safety shoes.

General Hygiene Considerations
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Solid</td>
</tr>
<tr>
<td>Appearance</td>
<td>Crumb, bales</td>
</tr>
<tr>
<td>Color</td>
<td>NO PIGMENT</td>
</tr>
<tr>
<td>Evaporation rate</td>
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</tr>
<tr>
<td>Specific Gravity</td>
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</tr>
<tr>
<td>Bulk density</td>
<td>Not established</td>
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<tr>
<td>Odor</td>
<td>Characteristic rubber odor</td>
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<tr>
<td>Vapor pressure</td>
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<tr>
<td>Melting point/range</td>
<td>Not determined</td>
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<tr>
<td>Vapour density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Insoluble</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Stability
Stable

Hazardous Polymerization
Will not occur.

Conditions to avoid
None known.

Materials to avoid
strong acids and oxidizing agents, alkali metals

Hazardous decomp. products
Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), other hazardous materials, and smoke are all possible.

11. TOXICOLOGICAL INFORMATION

There are no known hazardous components above regulatory thresholds in this product.

12. ECOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
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<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not readily biodegradable.</td>
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<tr>
<td>Environmental Toxicity</td>
<td>No data available</td>
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<tr>
<td>Bioaccumulation Potential</td>
<td>No data available</td>
</tr>
<tr>
<td>Additional advice</td>
<td>No data available</td>
</tr>
</tbody>
</table>
13. DISPOSAL CONSIDERATIONS

Product
Where possible recycling is preferred to disposal or Incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

Contaminated packaging
Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

14. TRANSPORT INFORMATION

U.S. DOT Classification
Not regulated for transportation.

ICAO/IATA (air)
Not regulated for transportation.

IMO / IMDG (maritime)
Not regulated for transportation.

15. REGULATORY INFORMATION

US Regulations:
OSHA Status
There are no known hazardous components above regulatory thresholds in this product.

TSCA Status
All components of this product are listed on or exempt from the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302)
Not applicable

California Proposition 65
This product does not contain a substance listed by California Prop 65.

SARA Title III Section 302
Extremely Hazardous Substance
Not applicable

SARA Title III Section 313
Toxic Chemicals
Not applicable

Canadian Regulations:
National Pollutant Release Inventory (NPRI)
Not applicable

WHMIS Classification
Not controlled.

DSL
DSL status has not been determined. Quantity use in Canada may be restricted by regulations.

National Inventories:
Australia AICS
Not determined

China IECS
Not determined

Europe EINECS
Not determined

Japan ENCS
Not determined

Korea KECI
Not determined

Philippines PICCS
Not determined
Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material when used in combination with any other materials and/or in any particular process or processing conditions.

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