



MATERIAL SAFETY DATA SHEET

FACTICE VVO 350

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name:	Factice VVO 350
Use of the substance/preparation Supplier	Industrial Applications 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	
Inhalation	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 (CO ₂).
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 (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), 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

Form	Solid
Appearance	Crumb, bales
Color	NO PIGMENT
Evaporation rate	Not applicable
Specific Gravity	Not determined
Bulk density	Not established
Odor	Characteristic rubber odor
Vapor pressure	Not applicable
Melting point/range	Not determined
Vapour density	Not applicable
Boiling Point	Not applicable
pH	Not applicable
Water solubility	Insoluble

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 (CO ₂), carbon monoxide (CO), oxides of nitrogen (NO _x), 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

Persistence and degradability	Not readily biodegradable.
Environmental Toxicity	No data available
Bioaccumulation Potential	No data available
Additional advice	No data available

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

16. OTHER INFORMATION

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.

MSDS DOCUMENT NO: FACTICE VVO 350

ISSUE: 1

ISSUE DATE: 7.7.2011