

VersaFill W680  
[Part.1 Liquid | Part.2 Powder blend]



**SAFETY DATA SHEET – Part.1**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 453/2010

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product Name** VersaFill W680 Liquid  
**Product Inclusion** Part.1 of this document covers VersaFill W680 Liquid only.

**1.2. Relevant identified uses of the substance of mixture and uses advised against**

**Identified Uses** Void filling resin.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Meon Ltd.  
Raiside  
Northharbour Spur  
Portsmouth  
PO6 3TU  
+44 (0) 23 9220 0606  
mail@meonuk.com

**1.4. Emergency Telephone Number**

**Emergency telephone** +44 (0) 808 118 1922

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

Classification according to Classification, Labelling & Packaging Regulation (EC) 1272/2008

Not classified.

**2.2. Label Elements**

Labelling according to Regulation (EC) No. 1272/2008, (CLP)

Not classified.

**Signal word** Not classified.  
**Named Chemicals on Label** Not classified.  
**Contains** Not classified.  
**H-statement(s)** Not classified.  
**P-statement(s)** Not classified.

**2.3. Other hazards**

**Results of PBT and vPvB assessment:**

None known.

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**SECTION 3: Composition/information on ingredients**

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No information available.

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**SECTION 4: First aid measures**

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As a general rule, in case of doubt or if symptoms persist, always call a doctor.

**4.1. Description of first aid measures**

<b>General notes</b>	In the event of any sensitisation symptoms developing, ensure further exposure is avoided.
<b>In case of inhalation:</b>	Unlikely route of exposure as the product does not contain volatile substances.
<b>In case of skin contact:</b>	Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at least 15minutes. Get medical attention promptly if symptoms occur after washing.
<b>In case of eye contact:</b>	Rinse immediately with plenty of water. Remove contact lenses if present. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
<b>In case of ingestion:</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
<b>Protection of first aiders:</b>	First aid personnel should wear appropriate protective equipment during any rescue.

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

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	No specific symptoms known.

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

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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**SECTION 5: Firefighting measures**

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**5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for surrounding area.
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**5.2. Special hazards arising from the substance or mixture**

No unusual fire or explosion hazards noted.

<b>Hazardous combustion products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.
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**5.3. Advice for firefighters**

**Protective actions during firefighting.**

No specific firefighting precautions known.

**Special protective equipment for firefighting**

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

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**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as earlier described in section 8 of this document.

Avoid contact with skin and eyes. Warn everybody of potential hazards and evacuate if necessary.

**6.2. Environmental precautions**

Avoid or minimise the creation of any environmental contamination.

Avoid discharge into drains or watercourses or onto the ground.

**6.3. Methods and material for containment and cleaning up**

Absorb spillage with non-combustible, absorbent material.

**6.4. Reference to other sections**

For personal protection, see section 8. For waste disposal, see section 13.

See section 11 for additional information on health hazards.

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**SECTION 7: Handling and storage**

**7.1. Precautions on safe handling**

Wear protective clothing as described in section 8 of this safety datasheet.

Good personal hygiene procedures should be implemented.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed, original containers in a dry, cool, and well-ventilated place.

Protect from freezing and direct sunlight.

**Storage class**

Unspecified storage

**7.3. Specific end uses**

Identified uses for this product are detailed in Section 1.2.

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**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Limits for occupational exposure and/or biological limit values.**

No exposure limits known for ingredients.

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### 8.2. Exposure controls

#### Protective equipment



<b>Ventilation</b>	Ensure adequate ventilation.
<b>Hand protection</b>	The most suitable glove should be chosen in consultation with the glove supplier / manufacturer, who can provide information about the breakthrough time of the glove material.
<b>Eyes / face protection</b>	Tight fitting safety glasses.
<b>Skin</b>	Wear apron or protective clothing in case of contact. Wash hands after use.
<b>Respiratory</b>	Respiratory equipment is not required.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid
<b>Colour</b>	White / off white
<b>Odour</b>	Slightly sweet.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	4-6
<b>Melting Point</b>	0°C
<b>Initial boiling point and range</b>	100°C @ 760 mm Hg
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	Not applicable.
<b>Flammability (solid, gas)</b>	No.
<b>Upper/ lower flammability or explosive limits</b>	Not applicable
<b>Viscosity</b>	Medium
<b>Vapour pressure</b>	18 mm Hg @ 25°C
<b>Vapour density</b>	0.6
<b>Relative density</b>	1.1 @ °C
<b>Bulk Density</b>	1.1
<b>Solubility in water</b>	Miscible with water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition temperature</b>	Not available.
<b>Explosive properties</b>	More sensitive to shock than m-dinitrobenzene: No. More sensitive to friction than m-dinitrobenzene: No
<b>Explosive under the influence of the flame</b>	No.

### 9.2. Other information

None.

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**SECTION 10: Stability and reactivity**

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**10.1. Reactivity**

There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

No particular stability concerns.

**10.3. Possibility of hazardous reactions**

No hazardous reactions when stored and handled according to prescribed instructions. Will not polymerise.

**10.4. Conditions to avoid**

Avoid contact with acids.

**10.5. Incompatible materials**

Strong Acids.

**10.6. Hazardous decomposition products**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Oxides of carbon.

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**SECTION 11: Toxicological information**

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**11.1. Information on toxicological effects**

No data recorded and no symptoms known.

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**SECTION 12: Ecological information**

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**12.1. Toxicity**

Not considered toxic to fish.

**Acute toxicity – aquatic  
Invertebrates**

Not determined.

**12.2. Persistence and degradability**

The product is biodegradable.

**12.3. Bioaccumulative potential**

The product is not bioaccumulating.

**Partition coefficient**

Not applicable.

**12.4. Mobility in soil**

Mobile.

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

This product does not contain any substances classified as PBT or PvB.

**12.6. Other adverse effects**

None known.

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**SECTION 13: Disposal considerations**

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**13.1. Waste treatment methods**

Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local waste disposal authority.

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local waste disposal authority.

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**SECTION 14: Transport information**

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This product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1 UN number**

Not applicable.

**14.2 UN proper shipping name**

Not applicable.

**14.3 Transport hazard class(es)**

Not applicable.

**14.4 Packing group**

Not applicable.

**14.5 Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

Not applicable.

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**SECTION 15: Regulatory information**

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

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009No. 716). EH40/2005

Workplace exposure limits.

Health and Safety at Work etc. Act 1974 (as amended).

Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation Regulation** Commission Regulation (EU) 2015/830 of May 2015.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance**

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

Approved Classification and Labelling Guide (Sixth edition) L131.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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**15.2 Chemical safety assessment**

Not applicable.

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**SECTION 16: Other information**

No further information available.

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.

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**SAFETY DATA SHEET – Part.2**

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) 453/2010

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product Name** VersaFill W680 Powder Blend  
**Product Inclusion** Part.2 of this document covers VersaFill W680 Powder Blend only.

**1.2. Relevant identified uses of the substance of mixture and uses advised against**

**Identified Uses** No specific uses identified.  
**Uses advised against** No specific uses advised against are identified.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Meon Ltd.  
Railside  
Northharbour Spur  
Portsmouth  
PO6 3TU  
+44 (0) 23 9220 0606  
mail@meonuk.com

**1.4. Emergency Telephone Number**

**Emergency telephone** +44 (0) 808 118 1922

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

In compliance with EC regulation No. 1272/2008 and its amendments.

Not classified as dangerous for supply/use.

**2.2. Label Elements**

In compliance with EC regulation No. 1272/2008 (CLP) and its amendments.

**Product name** Calcined Flint  
**Signal word** None.  
**Hazard pictograms** None.  
**Hazard statement(s)** None.  
**Precautionary statement(s)** 100 percent of the mixture consists of ingredient(s) of unknown acute toxicity.  
**Other information** None.

**2.3. Other hazards**

None known.



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**SECTION 3: Composition/information on ingredients**

HAZARDOUS INGREDIENT(S)	CAS No.	EC No. REACH No.	%W/W	Hazard Statement(s)	Hazard Pictogram(s)
Quartz (SiO <sub>2</sub> )	14808-60-7	238-878-4	>93 %	Not classified	None
Respirable crystalline silica (quartz)			<1 %	Not classified	None

**SECTION 4: First aid measures**

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

**4.1. Description of first aid measures**

<b>Inhalation</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin contact</b>	Wash skin with water and soap.
<b>Eye contact</b>	Flush eyes with water for at least 15 minutes. Seek medical attention if irritation persists.
<b>Ingestion</b>	Wash out mouth with water. Do not induce vomiting, seek medical attention if feeling unwell.

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

None anticipated. Treat symptomatically.

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

Unlikely to be required but if necessary, treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media** As appropriate for surrounding fire.

**Unsuitable extinguishing media** None.

**5.2. Special hazards arising from the substance or mixture**

None anticipated. Heating may cause decomposition.

**5.3. Advice for firefighters**

As appropriate for surrounding fire.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

**6.2. Environmental precautions**

Do not release large quantities into the surface water or into drains.

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**6.3. Methods and material for containment and cleaning up**

Sweep spilled substances into containers if appropriate moisten first to prevent dusting.

**6.4. Reference to other sections**

See Sections 8 and 13.

**SECTION 7: Handling and storage**

**7.1. Precautions on safe handling**

Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable protective equipment. Handle packaged products carefully to prevent accidental bursting. If you require advice on safe handling techniques, please contact your supplier or check the Good Practice Guide referred to in Section 16.

Do not eat, drink or smoke in work areas. Wash hands after use.  
Remove contaminated clothing and protective equipment before entering eating areas.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage temperature** Ambient.  
**Storage life** Stable under normal conditions.  
**Incompatible materials** None known.

**7.3. Specific end use(s)**

Not known.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limits:**

Substance	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note
Silica, respirable crystalline	14808-60-7	-	0.1	-	-	-

Europe EU Occupational Exposure Limits  
United Kingdom Workplace Exposure Limits (WEL)

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**8.2. Exposure controls**

**Appropriate engineering controls**

Ensure adequate ventilation.

**Personal protective equipment**

**Eye/face protection**

Wear eye protection with side protection (EN166).



**Skin protection**

Not normally required.



**Respiratory protection**

Normally no personal respiratory protection is necessary.



**Thermal Hazards**

None known.

**8.2.3 Environmental exposure controls**

Do not release large quantities into the surface water or into drains.

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**SECTION 9: Physical and Chemical Properties**

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**9.1. Information on basic physical and chemical properties**

<b>Appearance</b>	Solid
<b>Colour</b>	Off white.
<b>Odour</b>	Odourless.
<b>Odour threshold</b>	Not known.
<b>pH</b>	Not known.
<b>Melting point</b>	Not known.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not known.
<b>Flammability (solid, gas)</b>	Not known.
<b>Upper/lower flammability or explosive limits</b>	Not known.
<b>Vapour pressure</b>	Not known.
<b>Vapour density</b>	Not known.
<b>Density (g/ml)</b>	Not known.
<b>Relative density</b>	1.10-1.20g/cm <sup>3</sup>
<b>Solubility(ies)</b>	(Water): Not known. (Other): Not known.
<b>Partition coefficient (n-octanol/water)</b>	Not known.
<b>Auto-ignition temperature</b>	Not known.
<b>Decomposition temperature (°C)</b>	Not known.
<b>Viscosity</b>	Not known.
<b>Explosive properties</b>	Not known.
<b>Oxidising properties</b>	Not known.

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**9.2. Other information**

None.

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**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

None anticipated.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known if used for its intended purpose.

**10.4. Conditions to avoid**

None anticipated.

**10.5. Incompatible materials**

Not known.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

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**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

Acute toxicity -Ingestion	Low acute toxicity
Acute toxicity -Skin contact	Low acute toxicity
Acute toxicity -Inhalation	Low acute toxicity
Skin corrosion/irritation	Non-irritant
Serious eye damage/irritation	Non-irritant
Skin sensitization data	Not classified
Respiratory sensitization data	Not classified
Germ cell mutagenicity	There is no evidence of mutagenic potential.
Carcinogenicity	No evidence of carcinogenicity.
Reproductive toxicity	Not classified
Lactation	Not classified
STOT -single exposure	Not classified
STOT -repeated exposure	Not classified
Aspiration hazard	Not classified

**11.2. Other information**

Not known.

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**SECTION 12: Ecological information**

**12.1. Toxicity**

Toxicity -Aquatic invertebrates	Low toxicity to invertebrates.
Toxicity -Fish	Low toxicity to fish.
Toxicity -Algae	Low toxicity to algae.
Toxicity -Sediment compartment	Not classified.
Toxicity -Terrestrial compartment	Not classified.

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**12.2. Persistence and degradability**

Not known.

**12.3. Bioaccumulative potential**

Not known.

**12.4. Mobility in soil**

Not known.

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

Not known.

**12.6. Other adverse effects**

Not known.

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**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

<b>Waste</b>	No special precautions are required for this product.
<b>Additional information</b>	No special precautions are required for this product.

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**SECTION 14: Transport information**

Not classified as hazardous for transport.

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**SECTION 15: Regulatory information**

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

**European Regulations - Authorisations and/or Restrictions on Use**

<b>Candidate list of substances of very high concern for authorization</b>	Not listed.
<b>REACH: ANNEX XIV list of substances subject to authorisation</b>	Not listed.
<b>REACH: Annex XVII Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	Not listed.
<b>Community Rolling Action Plan (CoRAP)</b>	Not listed.
<b>Regulation (EC) N° 850/2004 of the European Parliament and of the Council on persistent organic pollutants</b>	Not listed.
<b>Regulation (EC) N° 2037/2000 on substances that deplete the ozone layer</b>	Not listed.
<b>Regulation (EU) N° 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals</b>	Not listed.

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**Other National regulations**                      Not known.

**15.2. Chemical safety assessment**

A REACH chemical safety assessment has not been carried out.

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**SECTION 16: Other information**

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**Hazard statement(s)** None.

**Precautionary statement(s)** None.

**Acronyms**

CAS: Chemical Abstracts Service

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

DNEL: Derived No Effect Level

EC: European Community

EINECS: European Inventory of Existing Commercial Chemical Substances

LTEL: Long Term Exposure Limit

PBT: Persistent, Bioaccumulative and Toxic

PNEC: Predicted No Effect Concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL: Short Term Exposure Limit

STOT: Specific Target Organ Toxicity

vPvB: very Persistent and very Bioaccumulative

*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.*