

**AUTOSPEED CELLULOSE PRIMER FILLER_GREY**

SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830 - United Kingdom (UK).

Version: 04

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(Previous revision none)

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

1.1 Product Identifier;

Product Name Autospeed Cellulose Primer Filler_Grey

Product Code: 0505

Product Synonyms:

1.2 Relevant identified uses of the substance or mixture and uses advised against;

Product use Professional use only. Industrial applications

**Use of the
Substance/mixture** Industrial coating

1.3 Details of the supplier of the safety data sheet;

Churchill Paints Ltd
Riverdane Road, Eaton Bank Trading Estate,
Congleton, Cheshire, CW12 1PN
Tel. +44(0)1260 290666, Fax. +44(0)1260 290 444

**e-mail address of
person responsible
for this SDS** sales@churchill-paints.co.uk

1.4 Emergency Telephone Number:

+44(0) 1260 290 666 (office hours only)

2. SECTION 2: Hazards identification;

2.1 Classification of the substance or mixture;

Product definition Mixture

Classification In accordance with the Classification, Labelling and Packaging Regulation (EC) No 1272/2008

Physical hazards Flam. Liq. 2, H225



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Health hazards Skin Irrit. 2, H315
Skin Sens. 1, H317
Eye Irrit. 2, H319
Repr. 2, H361d
STOT RE 2, H373

Environmental hazards Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.
See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms



Signal word Danger

Hazard statements H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation.
H317- May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H361d Suspected of damaging the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements

Prevention P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 - Use explosion-proof electrical/ventilating/lighting/equipment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response P303+353+361 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+338+351 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage P403 + P235 – Store in a well-ventilated place. Keep cool.
P405 – Store locked up.

Disposal P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.



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Hazardous Ingredients

Toluene. Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin

Supplemental label elements

Contains epoxy constituents. May produce an allergic reaction.
EUH066 Repeated exposure may cause skin dryness or cracking.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Not applicable

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

3. SECTION 3: Composition/information on ingredients

3.2 Mixtures

Mixture

<i>REACH Registration Number</i>	<i>Chemical name</i>	<i>% by wt.</i>	<i>CAS No.</i>	<i>EC No. (EINEC S)</i>	<i>Index No.</i>	<i>Classification Regulation (EC) No.1272/2008 [CLP]</i>
01-2119471310-51	Toluene	≥10 - <25	108-88-3	203-625-9	601-021-00-3	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336
01-2119457610-43	Ethanol	≥2.5 - <10	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2, H225
	Nitrocellulose (12.3% N)	≥2.5 - <10	9004-70-0			Flam. Liq. 1, H224
01-2119485493-29	n-Butyl Acetate Butyl ethanoate	≥2.5 - <10	123-86-4	204-658-1	607-025-00-1	Flam. Liq. 3, H226 STOT SE 3, H336 EUH066

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01-2119457558-25	Propan-2-ol	≥2.5 - <10	67-63-0	200-661-7	603-117-00-0	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336
01-2119471330-49	Acetone	≥2.5 - <10	67-64-1	200-662-2	606-001-00-8	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336; EUH066
01-2119456619-26	reaction product: bisphenol-A-(epichlorhydrin) epoxy resin	≥2.5 - <10	25068-38-6	500-033-5	603-074-00-8	Skin Irrit. 2, H315; Skin Sens. 1, H317 Eye Irrit. 2, H319; Aquatic Chronic 2, H411
01-2119488216-32	Xylene (mixture of isomers)	≥2.5 - <10	1330-20-7	215-535-7	601-022-00-9	Acute Tox. 4, H312+H332 Flam. Liq. 3, H226 Skin Irrit. 2, H315 STOT SE 3, H335 Aquatic Chronic 3, H412
01-2119430798-28	di-iso nonyl phthalate	≥2.5 - <10	28553-12-0	249-079-5		substance with a Community workplace exposure limit
01-2119484609-23	2-methylpropan-1-ol; iso-butanol	≥2.5	78-83-1	201-148-0	603-108-00-1	Flam. Liq. 3, H226; Acute Tox. 4, H302; STOT SE 3, H335; Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT SE 3, H336
01-2119475103-46	Ethyl acetate	≥2.5	141-78-6	205-500-4	607-022-00-5	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336; EUH066
01-2119433307-44	Methanol	≥2.5	67-56-1	200-659-6	603-001-00-X	Flam. Liq. 2, H225; Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; STOT SE 1, H370

The Full Text for all Hazard Statements on this SDS is displayed in Section 16.



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4. SECTION 4: First aid measures

4.1. Description of first aid measures

<i>Eye contact</i>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention.
<i>Inhalation</i>	If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention immediately.
<i>Skin contact</i>	Remove contaminated clothing immediately and wash skin with soap and water.
<i>Ingestion</i>	If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.
<i>Protection of first-aiders</i>	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

<i>Eye contact</i>	There may be irritation and pain. The eyes may water profusely.
<i>Inhalation</i>	There may be irritation of the throat with a feeling of tightness in the chest. There may be a feeling of tightness in the chest with shortness of breath.
<i>Skin contact</i>	There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.
<i>Ingestion</i>	Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.
<i>Delayed / immediate effects</i>	There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

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

<i>Notes to physician</i>	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<i>Immediate / special treatment:</i>	Eye bathing equipment should be available on the premises.



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5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide. Dry chemical powder. Alcohol resistant foam.

Unsuitable extinguishing media

Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Hazards from the Mixture

Highly flammable. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture.

Hazardous combustion products

Decomposition products may include the following materials:

Carbon dioxide
Carbon monoxide
Oxides of nitrogen.

5.3. Advice for firefighters

Protective actions during firefighting

Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Use water to keep fire-exposed containers cool and disperse vapours. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Special protective equipment for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency



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Personnel

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Isolate leaks providing there is no additional risk to those performing this task. Personal protection equipment must be used to avoid direct contact with the spillage. Shut off all ignition sources. Avoid breathing vapour or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

6.3. Methods and material for containment and cleaning up

Small spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill

Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

7. SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

7.1. Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating



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areas. Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use non-sparking tools. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

7.3 Specific end use(s)

Not available.

8. SECTION 8: Exposure Controls/personal protection

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1. Control parameters

<i>Occupational exposure limits to be monitored in the work environment</i>					
<i>Ingredient name:</i>	<i>Comment (from EH40)</i>	<i>Time-weighted average – 8 hrs (TWA).</i>		<i>Short-term exposure limits – 15min (STELs)</i>	
		<i>ppm.</i>	<i>mg/m³</i>	<i>ppm.</i>	<i>mg/m³</i>
Toluene	Sk	50	191	100	384
Ethanol		1000	1920		
n-Butyl Acetate Butyl ethanoate		150	724	200	966

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Propan-2-ol		400	999	500	1250
Acetone		500	1210	1500	3620
Xylene (mixture of isomers)	Sk	50	220	100	441
di-iso nonyl phthalate			5		
2-methylpropan-1-ol; iso-butanol		50	154	75	231
Ethyl acetate		200		400	
Methanol	Sk	200	266	250	333

Comments are from HSE Guidance Note EH40/2005 Workplace exposure limits (WELs)

Sk : Can be absorbed through skin

DNELs (Workers)

<i>Ingredient name:</i>	<i>Exposure</i>	<i>Short term</i>		<i>Long term</i>	
		<i>Systemic</i>	<i>Local</i>	<i>Systemic</i>	<i>Local</i>
Toluene	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	384 mg/kg	Non-applicable
	<i>Inhalation</i>	384 mg/m ³	384 mg/m ³	192 mg/m ³	192 mg/m ³
Ethanol	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	343 mg/kg	Non-applicable
	<i>Inhalation</i>	Non-applicable	1900 mg/m ³	950 mg/m ³	Non-applicable
n-Butyl Acetate Butyl ethanoate	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Inhalation</i>	960 mg/m ³	960 mg/m ³	480 mg/m ³	480 mg/m ³

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Propan-2-ol	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	888 mg/kg bw/day	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	500 mg/m ³	Non-applicable
Acetone	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	185 mg/Kg	Non-applicable
	<i>Inhalation</i>	Non-applicable	2420 mg/m ³	1210 mg/m ³	Non-applicable
Xylene (mixture of isomers)	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	180 mg/kg	Non-applicable
	<i>Inhalation</i>	289 mg/m ³	289 mg/m ³	77 mg/m ³	Non-applicable
di-iso nonyl phthalate	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	366 mg/kg bw/d	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	51.72 mg/m ³	Non-applicable
2-methylpropan-1-ol; iso-butanol	Non-applicable	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Non-applicable	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	Non-applicable	Non-applicable	Non-applicable	Non-applicable	310 mg/m ³
Ethyl acetate	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	63 mg/kg	Non-applicable
	<i>Inhalation</i>	1468 mg/m ³	1468 mg/m ³	734 mg/m ³	734 mg/m ³

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Methanol	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	6.83 mg/kg	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	12.05 mg/m ³	Non-applicable

DNELs (General Population)

<i>Ingredient name:</i>	<i>Exposure</i>	<i>Short term</i>		<i>Long term</i>	
		<i>Systemic</i>	<i>Local</i>	<i>Systemic</i>	<i>Local</i>
Toluene	<i>Oral</i>	Non-applicable	Non-applicable	8.13 mg/Kg	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	226 mg/Kg	Non-applicable
	<i>Inhalation</i>	226 mg/m ³	226 mg/m ³	56.5 mg/m ³	56.5 mg/m ³
Ethanol	<i>Oral</i>	Non-applicable	Non-applicable	87 mg/kg bw/day	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	206 mg/Kg bw/day	Non-applicable
	<i>Inhalation</i>	Non-applicable	950 mg/m ³	114 mg/m ³	Non-applicable
n-Butyl Acetate Butyl ethanoate	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Inhalation</i>	859.7 mg/m ³	859.7 mg/m ³	102.34 mg/m ³	102.34 mg/m ³
Propan-2-ol	<i>Oral</i>	Non-applicable	Non-applicable	26 mg/Kg bw/day	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	319 mg/Kg bw/day	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	89 mg/m ³	Non-applicable

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Acetone	<i>Oral</i>	Non-applicable	Non-applicable	62 mg/Kg bw/day	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	62 mg/Kg bw/day	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	200 mg/m ³	Non-applicable
Xylene (mixture of isomers)	<i>Oral</i>	Non-applicable	Non-applicable	1.6 mg/kg bw/day	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	108 mg/Kg bw/day	Non-applicable
	<i>Inhalation</i>	174 mg/m ³	174 mg/m ³	14.8 mg/m ³	Non-applicable
di-iso nonyl phthalate	<i>Oral</i>	Non-applicable	Non-applicable	4.4 mg/kg bw/day	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	220 mg/kg bw/day	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	15.3 mg/m ³	Non-applicable
2-methylpropan-1-ol; iso-butanol	<i>Oral</i>	Non-applicable	Non-applicable	Non-applicable	25 mg/kg bw/day
	<i>Dermal</i>	Non-applicable	Non-applicable	Non-applicable	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	Non-applicable	55 mg/m ³
Ethyl acetate	<i>Oral</i>	Non-applicable	Non-applicable	4.5 mg/kg bw/day	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	37 mg/Kg bw/day	Non-applicable
	<i>Inhalation</i>	734 mg/m ³	734 mg/m ³	367 mg/m ³	367 mg/m ³
Methanol	<i>Oral</i>	Non-applicable	Non-applicable	6.87 mg/Kg bw/day	Non-applicable
	<i>Dermal</i>	Non-applicable	Non-applicable	3.42 mg/Kg bw/day	Non-applicable
	<i>Inhalation</i>	Non-applicable	Non-applicable	2.97 mg/m ³	Non-applicable

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<i>Ingredient name:</i>	<i>Environmental sphere</i>	<i>PNEC value</i>
Toluene	<i>Fresh water</i>	0.68 mg/L
	<i>Marine water</i>	0.68 mg/L
	<i>Fresh water sediment</i>	16.39 mg/kg
	<i>Marine water sediment</i>	16.39 mg/kg
	<i>Sewage Treatment</i>	13.61 mg/L
	<i>Soil</i>	2.89 mg/kg
Ethanol	<i>Fresh water</i>	0.96 mg/L
	<i>Marine water</i>	0.79 mg/L
	<i>Fresh water sediment</i>	3.6 mg/kg
	<i>Marine water sediment</i>	2.9 mg/kg
	<i>Sewage Treatment</i>	580 mg/L
	<i>Soil</i>	0.63 mg/kg
n-Butyl Acetate Butyl ethanoate	<i>Fresh water</i>	0.18 mg/L
	<i>Marine water</i>	0.018 mg/L
	<i>Fresh water sediment</i>	0.981 mg/kg
	<i>Marine water sediment</i>	0.0981 mg/kg
	<i>Sewage Treatment</i>	35.6 mg/L
	<i>Soil</i>	0.0903 mg/kg
Propan-2-ol	<i>Fresh water</i>	140.9 mg/L
	<i>Marine water</i>	140.9 mg/L
	<i>Fresh water sediment</i>	552 mg/kg
	<i>Marine water sediment</i>	552 mg/kg
	<i>Sewage Treatment</i>	2251 mg/L
	<i>Soil</i>	28 mg/kg

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Acetone	<i>Fresh water</i> <i>Marine water</i> <i>Fresh water sediment</i> <i>Marine water sediment</i> <i>Sewage Treatment</i> <i>Soil</i>	10.6 mg/L 1.06 mg/L 30.4 mg/kg 3.04 mg/kg 100 mg/L 29.5 mg/kg
Xylene (mixture of isomers)	<i>Fresh water</i> <i>Marine water</i> <i>Fresh water sediment</i> <i>Marine water sediment</i> <i>Sewage Treatment</i> <i>Soil</i>	0.327 mg/L 0.327 mg/L 12.46 mg/kg 12.46 mg/kg 6.58 mg/L 2.31 mg/kg
di-iso nonyl phthalate	<i>Fresh water</i> <i>Marine water</i> <i>Fresh water sediment</i> <i>Marine water sediment</i> <i>Sewage Treatment</i> <i>Soil</i>	No data available No data available No data available No data available No data available 30 mg/kg
2-methylpropan-1-ol; iso-butanol	<i>Fresh water</i> <i>Marine water</i> <i>Fresh water sediment</i> <i>Marine water sediment</i> <i>Sewage Treatment</i> <i>Soil</i>	No data available No data available No data available No data available No data available No data available
Ethyl acetate	<i>Fresh water</i> <i>Marine water</i> <i>Fresh water sediment</i> <i>Marine water sediment</i> <i>Sewage Treatment</i> <i>Soil</i>	0.26 mg/L 0.026 mg/L 0.34 mg/kg 0.034 mg/kg No data available 0.22 mg/kg



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Methanol	<i>Fresh water</i>	154 mg/L
	<i>Marine water</i>	15.4 mg/L
	<i>Fresh water sediment</i>	570.4 mg/kg
	<i>Marine water sediment</i>	No data available
	<i>Sewage Treatment</i>	100 mg/L
	<i>Soil</i>	23.5 mg/kg

8.2 Exposure controls:

Appropriate engineering controls

Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.



Skin protection

For hands, chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer that can provide information about the breakthrough time of the glove material.

For body, Personal protective equipment should be selected based on the task being performed and the risks involved.

For feet, appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.



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Protective gloves



Overall



Safety boots

Respiratory Protection

When spraying, use air-fed respirator. Gas/vapour filter, type A: organic vapours (EN141). Self-contained breathing apparatus must be available in case of emergency.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

<i>Physical State</i>	Liquid
<i>Colour</i>	Grey
<i>Odour</i>	Characteristic
<i>Odour threshold</i>	Not available
<i>pH</i>	Not available
<i>Melting point</i>	Not available
<i>Freezing point</i>	Not available
<i>Initial boiling point</i>	Not available
<i>Boiling range</i>	78°C
<i>Flash point</i>	4°C
<i>Evaporation rate</i>	Not available
<i>Flammability (solid, gas)</i>	Not available
<i>Upper/lower Flammability or Explosive limits</i>	7.0 / 1.2
<i>Vapour pressure</i>	29 hPa
<i>Vapour density</i>	Not available
<i>Relative density</i>	1.202
<i>Solubility(ies)</i>	Not available
<i>Partition coefficient n-octanol/water</i>	Not available
<i>Auto-ignition temperature</i>	370°C



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Decomposition

temperature Not available

Viscosity Not available

Explosive properties Not available

Oxidising properties Not available

10. SECTION 10: Stability and reactivity

10.1 Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical Stability:

This product is stable.

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid

In a fire, hazardous decomposition products may be produced.

10.5 Incompatible materials

Keep away from: oxidising agents, strong alkalis, strong acids.

10.6 Hazardous decomposition products

Decomposition products may include the following materials: carbon monoxide, carbon dioxide and oxides of nitrogen.

11. SECTION 11: Toxicological information

11.1 Information on toxicological effects

<i>Ingredient name:</i>	<i>Acute toxicity test</i>	<i>Species</i>	<i>Dose</i>	<i>Exposure</i>
Toluene	<i>Oral – LD₅₀</i>	Rat	>3500 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	>4200 mg/kg	
	<i>Inhalation – LC₅₀</i>	Rat	>20 mg/L	4 hrs
Ethanol	<i>Oral – LD₅₀</i>	Rat	>7000 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	>15800 mg/kg	
	<i>Inhalation – LC₅₀</i>	Rat	51 mg/L	4 hrs



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n-Butyl Acetate Butyl ethanoate	<i>Oral – LD₅₀</i>	Rat	>10700 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	17600 mg/kg	
	<i>Inhalation – LC₅₀</i>	Rat	>21 mg/L	4 hrs
Propan-2-ol	<i>Oral – LD₅₀</i>	Rat	5045 mg/kg bw	
	<i>Dermal – LD₅₀</i>	Rat	12800 mg/kg bw	
	<i>Inhalation – LC₀</i>	Rat	72.6 mg/L	4 hrs
Acetone	<i>Oral – LD₅₀</i>	Rat	5800 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	>2000 mg/kg	
	<i>Inhalation – LC₅₀</i>	Rat	>20 mg/L	4 hrs
Xylene (mixture of isomers)	<i>Oral – LD₅₀</i>	Rat	>3500 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	>4200 mg/kg	
	<i>Inhalation – LC₅₀</i>	Rat	>20 mg/L	4 hrs
di-iso nonyl phthalate	<i>Oral – LD₅₀</i>	Rat	>10000 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	>3160 mg/kg bw	
	<i>Inhalation – LC₅₀</i>	Rat	> 4.4 mg/L air (nominal)	4 hrs
2-methylpropan-1-ol; iso-butanol	<i>Oral – LD₅₀</i>	Rat	3350 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	2460 mg/kg	
	<i>Inhalation – LC₅₀</i>	Rat	24.6 mg/L	4 hrs
Ethyl acetate	<i>Oral – LD₅₀</i>	Rat	5620 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	>2000 mg/kg	
	<i>Inhalation – LC₅₀</i>	Mouse	45000 mg/m ³	2 hrs

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Methanol	<i>Oral – LD₅₀</i>	Rat	>5620 mg/kg	
	<i>Dermal – LD₅₀</i>	Rabbit	17100 mg/kg	
	<i>Inhalation – LC₅₀</i>	Rat	128.2 mg/L	4 hrs

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity Suspected of damaging the unborn child.*Specific target organ toxicity - single exposure*

Based on available data, the classification criteria are not met.

Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

Based on available data, the classification criteria are not met.

12. SECTION 12: Ecological Information**12.1. Toxicity**

<i>Ingredient name:</i>	<i>Acute toxicity test</i>	<i>Genus - Species</i>	<i>Dose</i>	<i>Exposure</i>
Toluene	<i>LC₅₀</i>	Fish - <i>Oncorhynchus mykiss</i> (Rainbow Trout)	7.63 mg/L	96 hrs
	<i>EC₅₀</i>	Crustacean - <i>Daphnia magna</i> (Water flea)	8 mg/L	24 hrs
	<i>EC₅₀</i>	Algae – <i>Chlorella vulgaris</i> (Fresh water algae)	245 mg/L	24 hrs

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Ethanol	<i>LC</i> ₅₀	Fish - Oncorhynchus mykiss	13000 mg/L	96 hrs
	<i>LC</i> ₅₀	Crustacean - Daphnia magna (Water flea)	12340 mg/L	48 hrs
	<i>EC</i> ₅₀	Algae – Chlorella vulgaris	275 mg/L	72 hrs
n-Butyl Acetate Butyl ethanoate	<i>LC</i> ₅₀	Fish - Lepomis macrochirus (Bluegill)	100 mg/L	96 hrs
	<i>EC</i> ₅₀	Daphnia magna (Water flea)	44 mg/L	48 hrs
	<i>EC</i> ₅₀	Algae – Desmodesmus subspicatus (Scenedesmus subspicatus)	674.7 mg/L	72 hrs
Propan-2-ol	<i>LC</i> ₅₀	Fish - Pimephales promelas (fathead minnow)	9640 mg/L	96 hrs
	<i>EC</i> ₅₀	Crustacean - Daphnia magna (Water flea)	13299 mg/L	48 hrs
	<i>EC</i> ₅₀	Algae - Scenedesmus subspicatus	1000 mg/L	72 hrs
Acetone	<i>LC</i> ₅₀	Fish - Salmo gairdneri,	>100 mg/L	96 hrs
	<i>EC</i> ₅₀	Crustacean - Daphnia magna (Water flea)	>100 mg/L	48 hrs
	<i>EC</i> ₅₀	Algae – Pseudokirchneriella subcapitata	>100 mg/L	96 hrs
Xylene (mixture of isomers)	<i>LC</i> ₅₀	Fish - Oncorhynchus mykiss	13.5 mg/L	96 hrs
	<i>EC</i> ₅₀	Crustacean - Gammarus lacustris	0.6 mg/L	96 hrs
	<i>EC</i> ₅₀	Algae – Skeletonema costatum	10 mg/L	72 hrs
di-iso nonyl phthalate	<i>LC</i> ₅₀	Fish - Danio rerio (Zebrafish)	>102 mg/L	96 hrs
	<i>EC</i> ₅₀	Crustacean - Paratanytarsus parthenogenetica	Does not produce acute toxicity to this midge at its maximum water solubility (0.08 mg/L)	
	<i>EC</i> ₅₀	Algae – Pseudokirchneriella subcapitata	No significant effect at the maximum	120 hrs

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			DINP water solubility, which measured 1.8 mg/L.	
2-methylpropan-1-ol; iso-butanol	<i>LC₅₀</i>	Fish - Pimephales promelas (fathead minnow)	1430 mg/L	96 hrs
	<i>EC₅₀</i>	Crustacean - Daphnia magna (Water flea)	1100 mg/L	48 hrs
	<i>EC₅₀</i>	Algae - Pseudokirchneriella subcapitata	1799 mg/L	72 hrs
Ethyl acetate	<i>LC₅₀</i>	Fish - Salmo gairdneri,	>100 mg/L	96 hrs
	<i>EC₅₀</i>	Crustacean - Daphnia magna (Water flea)	>100 mg/L	48 hrs
	<i>EC₅₀</i>	Algae – Desmodesmus subspicatus	>100 mg/L	72 hrs
Methanol	<i>LC₅₀</i>	Fish - Lepomis macrochirus:	15400 mg/L	96 hrs
	<i>EC₅₀</i>	Crustacean - Daphnia magna (Water flea)	>10000 mg/L	48 hrs
	<i>EC₅₀</i>	Algae – Selenastrum capricornutum:	22000 mg/L	96 hrs

12.2. Persistence and degradability

<i>Ingredient name:</i>	<i>Concentration</i>	<i>Duration of test</i>	<i>% Biodegradability</i>
Toluene	100 mg/L	14 days	100
Ethanol	3 mg/L	20 days	96
n-Butyl Acetate Butyl ethanoate	3 mg/L	28 days	83
Propan-2-ol	100 mg/L	14 days	86
Acetone	7.8 µg/L	28 days	90.9
Xylene (mixture of isomers)			Readily biodegradable
di-iso nonyl phthalate			Readily biodegradable
2-methylpropan-1-ol; iso-butanol	No data available	28 days	70 - 80

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Ethyl acetate	3 mg/L	20 days	69
Methanol			Readily biodegradable

12.3. Bioaccumulative potential

<i>Ingredient name:</i>	<i>BCF</i>	<i>Log P_{ow}</i>	<i>Potential</i>
Toluene	13	2.73	Low
Ethanol	10	3	Low
n-Butyl Acetate Butyl ethanoate	15.3	2.3	Low
Propan-2-ol	3	0.05	Low
Acetone	3	-0.24	Not bioaccumulative
Xylene (mixture of isomers)	25.9	3.2	Low
di-iso nonyl phthalate	< 3.6		Low
2-methylpropan-1-ol; iso-butanol	3	0.79	Low
Ethyl acetate	30	0.73	Moderate
Methanol	10	-0.77	Low

12.4. Mobility in soil

<i>Ingredient name:</i>	<i>K_{oc}</i>	<i>HLC</i> <i>(Henry's law constant)</i>	<i>Surface tension</i>
Toluene	178	6.728E+2 Pa·m ³ /mol	27930 N/m (25 °C)
Ethanol	1	0.461 Pa m ³ /mol @ 25°C	No data available
n-Butyl Acetate Butyl ethanoate	< 70	41.6 Pa m ³ /mol @ 25°C	No data available
Propan-2-ol	1.5	8.207E-1 Pa·m ³ /mol	22400 N/m (25 °C)

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Acetone	No data available	2.929 Pa m ³ /mol	0.0237 N/m
Xylene (mixture of isomers)	202	524.9 Pa.m ³ /mol	No data available
di-iso nonyl phthalate		41.4 Pa.m ³ /mol	
2-methylpropan-1-ol; iso-butanol	2.05	1.19 x 10 ⁻⁵ atm-m ³ /mol	22.98 dyne/cm (20° C)
Ethyl acetate	59	13.58 Pa.m ³ /mol	23240 N/m (25C)
Methanol	9	0.461 Pa m ³ /mol @ 25°C	No data available

12.5. Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

No known significant effects or critical hazards.

13. SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal methods**

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

European waste catalogue (EWC)

<i>Waste code</i>	<i>Description</i>
08 01 11	Waste paint and varnish containing organic solvents or other dangerous substances.

Packaging

<i>Waste code</i>	<i>Description</i>
15 01 04	Metallic cans

**AUTOSPEED CELLULOSE PRIMER FILLER_GREY****14. SECTION 14: Transport information**

		<i>Land</i>	<i>Inland Waterways</i>	<i>Sea</i>	<i>Air</i>
		<i>ADR/RID</i>	<i>ADN</i>	<i>IMDG</i>	<i>ICAO</i>
14.1.	<i>UN number</i>	UN1263	UN1263	UN1263	UN1263
14.2.	<i>UN proper shipping name</i>	Paint related material	Paint related material	Paint related material	Paint related material
14.3.	<i>Transport hazard class(es)</i>	3	3	3	3
14.4.	<i>Packing group</i>	II	II	II	II
14.5.	<i>Environmental hazards Environmentally hazardous - Marine pollutant -----</i>	Yes -	Yes -	- No	Yes -
14.6	<i>Special precautions for user</i>				
	<i>Tunnel restriction code</i>	D/E			
	<i>EmS number</i>			F-E, S-C	
	<i>Limited quantities</i>	5L		5L	

15. SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation.

None of the ingredients of this mixture are listed in Annex XIV.

Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles.

Not applicable.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.



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16. SECTION 16: Other information

This safety data sheet conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830.

Abbreviations and Acronyms

DNEL	-	Derived No Effect Level
PNEC	-	Predicted No Effect Concentration
EUH statement	-	CLP-specific Hazard statement
ADR	-	European agreement concerning the international carriage of dangerous goods by road.
RID	-	International carriage of dangerous goods by rail
ADN	-	European Agreement concerning the International carriage of Dangerous Goods by Inland Waterways.
IMDG	-	International maritime dangerous goods code.
IATA	-	International Air Transport Association.
ICAO	-	International Civil Aviation Organisation.
BCF	-	Bio Concentration Factor
LD ₅₀	-	Lethal Dose 50
LL ₅₀	-	Lethal Load 50
LC ₅₀	-	Lethal Concentration 50
EC ₅₀	-	Effective Concentration 50
EL ₅₀	-	Effective Load 50
Log P _{ow}	-	Octanol-water partition coefficient
K _{oc}	-	Partition coefficient of organic carbon
TTC	-	Threshold of Toxicological Concern.
TGK	-	Toxicity Threshold.

Full Text of Physical Hazards

H225 – Highly flammable liquid and vapour.

Full Text of Health Hazards

H315 - Causes skin irritation.
 H317- May cause an allergic skin reaction.
 H319 – Causes serious eye irritation.
 H361d – Suspected of damaging the unborn child.
 H373 – May cause damage to organs through prolonged or repeated exposure.

Full Text of Environmental Hazards

H412 - Harmful to aquatic life with long lasting effects.



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Full Text of CLP/GHS Classifications

Flam. Liq. 1	H224	Extremely flammable liquid and vapour.
Flam. Liq. 2,	H225	Highly flammable liquid and vapour.
Flam. Liq. 3	H226	Flammable liquid and vapour
Acute Tox. 3	H301	Toxic if swallowed.
Acute Tox. 4	H302	Harmful if swallowed.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.
Acute Tox. 3	H311	Toxic in contact with skin.
AcuteTox. 4	H312	Harmful in contact with skin.
Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1,	H317	May cause an allergic skin reaction.
Eye Dam. 1	H318	Causes serious eye damage.
Eye Irrit. 2	H319	Causes serious eye irritation.
Acute Tox. 3,	H331	Toxic if inhaled.
Acute Tox. 4	H332	Harmful if inhaled.
STOT SE 3	H335	May cause respiratory irritation.
STOT SE 3,	H336	May cause drowsiness or dizziness.
Repr. 2	H361d	Suspected of damaging the unborn child.
STOT SE 1,	H370	Causes damage to organs.
STOT RE 2,	H373	May cause damage to organs through prolonged or repeated exposure.
Aquatic Chronic 2,	H411	Toxic to aquatic life with long lasting effects.
Aquatic Chronic 3	H412	Harmful to aquatic life with long lasting effects.
EUH066		Repeated exposure may cause skin dryness or cracking.

About this Safety Data Sheet.

The United Nations developed a 'Globally Harmonised System' (GHS) on classification and labelling of chemicals and the CLP Regulation adopts this system across all European Union countries, including the UK.

'CLP' is the European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

Churchill safety data sheets conform to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2015/830 - United Kingdom (UK).

When changes are required to Safety Data Sheets, these will be highlighted in the subsequent revision with a red bar to the left hand side of the change.

Disclaimer



AUTOSPEED CELLULOSE PRIMER FILLER_GREY

The information contained in this safety data sheet is based on the state of knowledge and national legislation at the time of the 'revision date' shown on page 1. Further updates to this safety data sheet, in line with changes to legislation and technical knowledge, will be available from Churchill Paints or the Churchill website. Contact Churchill Paints for the latest revision. This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. It is the user's responsibility to ascertain the suitability of the product for a specific use. As the specific conditions-of-use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.
