

**Awarding of licence for the use of EMICODE**

Licence Number: 11025/01.11.2019

For the product CT1 – Clear/Silver

Due to application date October 24, 2019

With reference to the classification in accordance with the directives as stipulated in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of the GEV trademark constitution is awarded the licence for the use of the GEV trademark



This product meets with the guidelines for the criteria of use listed reverse.  
The company is ordinary member of the GEV.

**OM 182      November 1, 2019**  
valid until November 1, 2024

The Secretary General  
Association for the Control of Emissions in Products  
for Flooring Installation, Adhesives and Building Materials (GEV)  
Völklinger Straße 4 · D-40219 Düsseldorf

## Requirement guidelines for the awarding of the EMICODE licence

The product mentioned on the front side of the licence has to fulfil among others the following criteria in accordance with the Constitution and the guidelines of the Technical Advisory Board of the GEV:

- The product meets all the legal requirements, especially the chemical laws and their specifications.
- The product is solvent free as specified in clause 2.4 of the "GEV Classification Criteria", except if it is a surface treatment product. If the product is assigned to a GISCODE product group then this can be labelled.
- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
- Carcinogenic, mutagenic, reprotoxic substances of the categories 1A or 1B are not added during the manufacture of the product.
- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

### 1) Installation products, adhesives and construction products

Parameter	EC 1 <sup>PLUS</sup>	EC 1	EC 2
	max. allowed concentration [ $\mu\text{g}/\text{m}^3$ ]		
TVOC after 3 days	$\leq 750$	$\leq 1000$	$\leq 3000$
TVOC after 28 days	$\leq 60$	$\leq 100$	$\leq 300$
TSVOC after 28 days	$\leq 40$	$\leq 50$	$\leq 100$
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	$\leq 40$	-	-
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Sum of form- and acetaldehyde	$\leq 0.05$ ppm	$\leq 0.05$ ppm	$\leq 0.05$ ppm
Sum of volatile C1A/C1B after 3 days	$\leq 10$	$\leq 10$	$\leq 10$
Any volatile C1A/C1B after 28 days	$\leq 1$	$\leq 1$	$\leq 1$

### 2) Products for floor surface treatments for parquet, mineral floors and resilient floorings

Parameter	EC 1 <sup>PLUS</sup>	EC 1	EC 2
	max. allowed concentration [ $\mu\text{g}/\text{m}^3$ ]		
Sum TVOC + TSVOC after 28 days	$\leq 100$ thereof max. 40 SVOC	$\leq 150$ thereof max. 50 SVOC	$\leq 450$ thereof max. 100 SVOC
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Any volatile C1A/C1B after 3 days	$\leq 10$	$\leq 10$	$\leq 10$
Any volatile C1A/C1B after 28 days	$\leq 1$	$\leq 1$	$\leq 1$

**Awarding of licence for the use of EMICODE**

Licence Number: 11026/01.11.2019  
For the product CT1 – Colours  
Due to application date October 24, 2019

With reference to the classification in accordance with the directives as stipulated  
in § 10 of the GEV trademark constitution

on behalf of the GEV for the above mentioned product as per § 5, section 4 of  
the GEV trademark constitution is awarded the licence for the use of the GEV  
trademark



This product meets with the guidelines for the criteria of use listed reverse.  
The company is ordinary member of the GEV.

**OM 182      November 1, 2019**  
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The Secretary General  
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- A safety data sheet (SDS) according to local law in its respectively valid version is issued for the product.
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- The testing of the product is performed in accordance with the GEV Testing Method. VOC determination is performed in a test chamber followed by the Tenax / thermal desorption procedures with subsequent GC/MS analysis.
- The assignment of an EMICODE class is performed according to the following criteria and TVOC/TSVOC concentration levels. The corresponding EMICODE class shall be used to label the product:

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TVOC after 28 days	$\leq 60$	$\leq 100$	$\leq 300$
TSVOC after 28 days	$\leq 40$	$\leq 50$	$\leq 100$
R value based on German AgBB LCI (NIK) after 28 days	1	-	-
Sum of non-assessable VOC	$\leq 40$	-	-
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Sum of form- and acetaldehyde	$\leq 0.05$ ppm	$\leq 0.05$ ppm	$\leq 0.05$ ppm
Sum of volatile C1A/C1B after 3 days	$\leq 10$	$\leq 10$	$\leq 10$
Any volatile C1A/C1B after 28 days	$\leq 1$	$\leq 1$	$\leq 1$

### 2) Products for floor surface treatments for parquet, mineral floors and resilient floorings

Parameter	EC 1 <sup>PLUS</sup>	EC 1	EC 2
	max. allowed concentration [ $\mu\text{g}/\text{m}^3$ ]		
Sum TVOC + TSVOC after 28 days	$\leq 100$ thereof max. 40 SVOC	$\leq 150$ thereof max. 50 SVOC	$\leq 450$ thereof max. 100 SVOC
Formaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Acetaldehyde after 3 days	$\leq 50$	$\leq 50$	$\leq 50$
Any volatile C1A/C1B after 3 days	$\leq 10$	$\leq 10$	$\leq 10$
Any volatile C1A/C1B after 28 days	$\leq 1$	$\leq 1$	$\leq 1$



**C-TEC®**  
BUILDING PRODUCT  
SPECIALISTS

## Product Information



## TECHNICAL DATA

### TRIBRID® Polymer

#### Application

temperature	+5°C to +40°C	
Flow/sag	< 3mm	
Skin cure	23°C 50% R.H.	25 minutes ± 5 min
Full cure time	23°C 50% R.H.	2-3mm/12hrs
(Due to the versatility of CT1 and the multitude of diverse applications, both internally and externally, the curing time can vary).		3-6 mm/12-48hrs
		6-12mm/48-72hrs

	<u>Colours</u>	<u>Clear + Silver</u>
<b>Density ISO 1183-1</b>	1.58kg/Ltr	1.04kg/Ltr
<b>E-Modulus 100% (DIN 53504-S1A)</b>	1.15 N/mm <sup>2</sup>	0.64 N/mm <sup>2</sup>
<b>Volume shrinkage</b>		
<b>after cure:</b>	<3%	<3%
<b>Hardness – DIN 53505:</b>	55° Shore A	42° Shore A
<b>Tensile strength :</b>	2.90 N/mm <sup>2</sup>	1.60 N/mm <sup>2</sup>
<b>(DIN 53504-S1A)</b>	(2.90 Mpa)	(1.60 Mpa)
<b>Substrate Bonding (Tensile Force)</b>	3.07 N/mm <sup>2</sup> = 31.3 Kg/cm <sup>2</sup>	
Samples prepared and tested to BS EN ISO 8339:2005, Determination of Tensile properties - Extension at break		
See <a href="#">CT1 TRIBRID® Multiple Substrate Test Report</a> for full details.		
<b>Thermal stability:</b>	-40°C to + 120°C	
<b>Elongation at rupture</b>		
<b>(DIN 53504-S1A)</b>	<b>385%</b>	<b>500%</b>
<b>Frost Resistance during transport:</b>	Up to -15°C	
<b>Curing system:</b>	Neutral Cure	

#### Non Toxic

EC1 Plus Certified A+ Indoor Air Comfort GOLD®

ISEGA Food Preparation Certificate

ETAG 022

#### Chemical resistance

**Good:** Water, seawater, aliphatic solvents, oils, greases, Diluted organic acids.

**Moderate:** Esters, Ketones, Aromatics, Chlorine for swimming pools chlorinated solvents.

**Limitations:** Strong Acids and Alkalis

**Dirt attachment:** Practically none

**Shelf life:** 18 months

C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
Newry, Co. Down, Northern Ireland, BT34 1BY.

Tel: 028 3083 4892 Fax: 028 3026 4444

Email: [info@ct1.com](mailto:info@ct1.com) Web: [www.ct1.com](http://www.ct1.com)

All information, including illustrations, is believed to be reliable. Users however, should independently evaluate the suitability of each product for their application. C-TEC makes no warranties of the accuracy of completeness of the information, and disclaims any liability regarding its use. C-TEC only obligations are those in the standard terms and conditions of sale of this product, and in no case will C-TEC be liable for any incidental, indirect or consequential damages arising from the sale, resale, use or misuse of this product. (20200910)





## **APPLICATIONS**

For all applications, including construction, engineering, roofing, repair & maintenance, installation and marine repair CT1 replaces: Wood and P.U. adhesives, silicone sealants, sanitary silicone sealants, acrylic sealants and butyl rubber sealants.

As a universal adhesive CT1 bonds to all metals (including lead), glass, mirrors, all woods, MDF, polystyrene, fibreglass, tiles, concrete, most stones (without staining), most synthetic materials, plastics (excluding PP, PE and PTFE).

On mirror applications apply in vertical strips (Not suitable for PP backed mirrors). CT1 works on natural stone (does not bleed through), polyester, polystyrene foam, wet surfaces, even under water.

CT1 Clear and Silver are used predominantly internally and all colours have become the professionals' choice in large scale infrastructure projects.

CT1 can also be painted but must be fully cured and is paintable with all common water-based paints (not suitable with Alkyd Paints). For best results prior testing is recommended.

For application advice on powder coated substrates contact powder coating manufacturer.

### **DIRECTION FOR USE:**

Before use ensure the cartridge has been stored at room temperature

Cut the Cartridge at the nose

Cut off nozzle at desired dimensions

Use a Mastic Gun

Apply on a clean, degreased surface

Finish off the joints with MULTISOLVE

**AVAILABLE COLOURS:** Clear, white, black, grey, beige, brown, oak, blue, silver & anthracite.

### **CT1: DELIVERY FORM**

Recyclable 290ml Cartridges. (Please note cartridges must be completely empty and nozzle removed before being recycled).

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

- **1.1 Product identifier**
- **Trade name:** CT1 Clear & Silver - TRIBRID® Technology
- **Article number:** CT1 539506 and 535706
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation** Sealant / Adhesive
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
C-Tec N.I Limited  
Unit 6 Ashtree Enterprise Park,  
Rathfriland Road, Newry, Co.Down,  
N. Ireland, BT34 1BY.  
**Email:** [info@ctl.com](mailto:info@ctl.com)
- **Website:** [www.ctl.com](http://www.ctl.com)
- **Further information obtainable from:**  
Product safety department.  
[info@ctl.com](mailto:info@ctl.com)
- **1.4 Emergency telephone number:**  
**Tel:** +44(0)28 3083 4892 (Monday – Friday 9am – 5pm)
- **UK: NPIS National Poisons Information Centre Tel:** +44(0)344 892 0111

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- **Classification according to Regulation (EC) No 1272/2008 [CLP].** Eye Irrit. 2 – H319.

### 2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008 [CLP]**



- **Signal word;** Warning
- **Hazard statements**  
H319: Causes serious eye irritation.
- **Precautionary Statements – Prevention;**  
P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.
- **Precautionary Statements – Response;**  
P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: get medical attention.
- **Additional information:** Not applicable

## SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Homogeneous mixture of tribrid polymer, plasticiser, filler and ancillaries.
- **Hazardous components:**



# Safety data sheet

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No.1907/2006 No.453/2010/EG

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## CT1 Clear & Silver - TRIBRID® Technology

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CAS: 3068-78-8 EINECS: 221-329-8 Reg.nr.: - 01-2120770726-45-xxxx	3-(Cyclohexylamino)propyltriethoxysilane ----- Skin Corr/Irrit 2; H315      Eye dam 1; H318	< 1%
CAS: 13822-56-5 EINECS: 237-511-5 Reg.nr.: - 01-2119510159-45-xxxx	3-(Trimethoxysilyl)propylamine ----- Skin Corr/Irrit 2; H315      Eye dam 1; H318	< 1%

· **Additional information:** For the wording of the listed Hazard (H) / Precautionary (P) phrases refer to section 16.

## SECTION 4: First aid measures

### · 4.1 Description of first aid measures

- **After inhalation:** Supply fresh air.
- **After skin contact:** Wash with plenty of soap and water for 10-15 minutes. Seek medical advice in case of irritation.
- **After eye contact:** Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.
- **After swallowing:** Rinse mouth immediately and then drink plenty of water, seek medical attention in case of irritation.

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

No further relevant information available.

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

Further toxicology information is available in SECTION 11.

## SECTION 5: Firefighting measures

### · 5.1 Extinguishing media

- **Suitable extinguishing agents:** Water mist, dry powder, alcohol-resistant foam, carbon dioxide or sand.
- **Unsuitable extinguishing agents:** Water spray or water jet.

### · 5.2 Special hazards arising from the substance or mixture

- **Hazardous combustion products:** Nitrous gases

### · 5.3 Advice for firefighters

- **Protective equipment:** Use respiratory protection independent of recirculated air.

## SECTION 6: Accidental release measures

### · 6.1 Personal precautions, protective equipment and emergency procedures

#### · 6.1.1. For non-emergency personnel.

**Protective equipment:** Wear personal protective equipment (see SECTION 8).

**Emergency procedures:** Keep unprotected persons away. Avoid contact with skin and eyes. Avoid inhaling mists and vapours.

- **6.2 Environmental precautions:** Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

### · 6.3 Methods and material for containment and cleaning up:

- **6.3.1. For containment:** Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.

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- **6.3.2. For cleaning up:** No further data available.
- **6.3.3. Other information:**
- 6.4 Reference to other sections  
See SECTION 8 and 13.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
**Measures to prevent fire:** Keep away from sources of ignition and do not smoke.  
**Measures to prevent aerosol and dust generation:** Not required.  
**Measures to protect the environment:** No further data available.
- **7.2 Conditions for safe storage, including any incompatibilities:**  
Protect against moisture. Store in original container only. Keep container tightly closed and store in a cool, well ventilated place.
- **7.3 Specific end use(s)** Cartridge Applied Sealant & Adhesive.

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

- **8.1 Control parameters**  
**Maximum airborne concentrations at the workplace:**

Name	CAS No.	Type	Mg/m3	ppm
Methanol	67-56-1	TWA	260	200

- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **8.2.1. Appropriate engineering controls:** Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating.
- **8.2.2. Personal protection equipment**
- **8.2.2.1. Eye face protection:** Wear eye protection / face protection.
- **8.2.2.2. Skin protection:** Wear protective gloves and clothing.
- **8.2.2.3. Respiratory protection:** In case of strong exposure: gas mask filter AX
- **8.2.2.4. Thermal hazards:** Not applicable
- **8.2.3. Environmental exposure controls:** Prevent material from entering surface waters or soil.

**SECTION 9: Physical and chemical properties**

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

• <b>Appearance:</b>	Paste
• <b>Odour:</b>	Characteristic / low.
• <b>Odour Threshold:</b>	No data available.
• <b>pH:</b>	No data available.
• <b>Melting point / freezing point:</b>	No data available.
• <b>Initial boiling point and boiling range:</b>	No data available.
• <b>Flash point:</b>	>200°C

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· <b>Evaporation rate:</b>	No data available.
· <b>Flammability (solid, gas):</b>	No data available.
· <b>Upper / lower flammability or explosive limits:</b>	No data available.
· <b>Vapour pressure:</b>	No data available.
· <b>Vapour density:</b>	No data available.
· <b>Relative Density:</b>	1.04 Kg/Ltr (water =1)
· <b>Solubility (ies) (water):</b>	No data available.
· <b>Partition coefficient: n-octanol / water:</b>	No data available.
· <b>Auto-ignition temperature:</b>	No data available.
· <b>Decomposition temperature:</b>	No data available.
· <b>Viscosity:</b>	No data available
· <b>Explosive properties:</b>	No data available.
· <b>Oxidising properties:</b>	None

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity**
- **10.2 Chemical stability:** Stable when stored in sealed containers.
- **10.3 Possibility of hazardous reactions:** Reacts with water and moisture in air, liberating methanol
- **10.4 Conditions to avoid:** Moisture during storage.
- **10.5 Incompatible materials:** Oxidising agents, peroxides, alcohols, acids, moisture, water
- **10.6 Hazardous decomposition products:** Methanol.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects:** (N-cyclohexylaminopropyl)trimethoxysilane  
LD50 oral RT; > 2000 mg/kg
- **Acute toxicity:** Not classified.
- **Skin corrosion/irritation:** Causes skin irritation
- **Serious eye damage / eye irritation:** Causes serious eye damage
- **Respiratory or skin sensitisation:** Not classified.
- **Germ cell mutagenicity:** Not classified.
- **Carcinogenicity:** Not classified.
- **Reproductive toxicity:** Not classified.
- **STOT – single exposure:** Not classified.
- **STOT – repeated exposure:** Not classified.
- **Aspiration hazard:** Not classified.
- **Symptoms / effects after inhalation:** May cause irritation to the respiratory tract. Overexposure may cause:  
Cough, Headache, Nausea.
- **Symptoms / effects after skin contact:** Causes skin irritation.
- **Symptoms / effects after eye contact:** Causes serious eye damage.

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- **Symptoms / effects after ingestion:** Oral toxicity is associated with methanol, the solvent and a hydrolysis product that causes nausea, vomiting, headaches, visual effects including blindness. Onset of symptoms may be delayed up to 48 hours.
- **Chronic symptoms:** On contact with water, this compound liberates methanol that is known to have a chronic effect on the central nervous system. Methanol may affect the central nervous system resulting in persistent or recurring headaches or impaired vision.

## SECTION 12: Ecological information

- **12.1. Toxicity:** No data available
- **12.2. Persistence and degradability:** Biologically not biodegradable.
- **12.3. Bioaccumulative potential:** No data available
- **12.4. Mobility in soil:** No data available
- **12.5. Results of PBT and vPvB testing:** No data available
- **12.6. Other adverse effects:** None known
- **12.7. Additional information:** No data available

## SECTION 13: Disposal considerations

- **13.1. Waste treatment methods:** Observe local regulations.
- **13.1.1. Product / packaging disposal:**  
**Waste codes / waste designations according to LoW:**  
Dispose of in accordance with local regulations. Do not empty product into drains. According to the European catalogue, waste codes are not product specific, but application specific. The user should assign waste codes, preferably in discussion with the waste disposal authorities.
- **13.1.2. Waste treatment-relevant information:** No data available.
- **13.1.3. Sewage disposal-relevant information:** No data available.
- **13.1.4. Other disposal recommendations:** No data available.

## SECTION 14: Transport information

• <b>14.1 UN-Number</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.2 UN proper shipping name</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.3 Transport hazard class(es)</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.4 Packing group</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.5 Environmental hazards:</b>	Not regulated
• <b>14.6 Special precautions for user</b>	Not regulated
• <b>14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code</b>	Not regulated



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## **SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
The product has been assessed in accordance with CLP.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant Hazard (H) and Precautionary (P) phrases**

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: get medical attention.

- **Department issuing MSDS:** Product safety department.

- **Contact:** msds@ct1.com

- **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

RID - Regulation concerning the International Carriage of Dangerous Goods by Rail.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS - Chemical Abstracts Service number.

PBT - Persistent, Bioaccumulative and Toxic substance.

VPvB - Very Persistent and Very Bioaccumulative.

UN - United Nations.

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.





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

- **1.1 Product identifier**
- **Trade name:** CT1 Colours (Excluding Silver) - TRIBRID® Technology
- **Article number:** CT1 535106, 535206, 535306, 535406, 535506, 535606, 535906, 535307.
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation** Sealant / Adhesive
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
C-Tec N.I Limited  
Unit 6 Ashtree Enterprise Park,  
Rathfriland Road, Newry, Co.Down,  
N. Ireland, BT34 1BY.  
**Email:** [info@ct1.com](mailto:info@ct1.com)
- **Website:** [www.ct1.com](http://www.ct1.com)
- **Further information obtainable from:**  
Product safety department.  
[info@ct1.com](mailto:info@ct1.com)
- **1.4 Emergency telephone number:**  
**Tel:** +44(0)28 3083 4892 (Monday – Friday 9am – 5pm)
- **UK: NPIS National Poisons Information Centre Tel:** +44(0)344 892 0111

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- **Classification according to Regulation (EC) No 1272/2008 [CLP].**  
This mixture does not meet the criteria for classification in accordance with regulation (EC) No 1272/2008 [CLP].

### 2.2 Label elements

- **Labelling according to Regulation (EC) No 1272/2008 [CLP]**
- **Signal word;** Not applicable
- **Hazard statements**  
Not applicable
- **Precautionary Statements – Prevention;**  
Not applicable
- **Precautionary Statements – Response;**  
Not applicable
- **Additional information:**  
Not applicable

## SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Homogeneous mixture of tribrid polymer, plasticiser, filler and ancillaries.

### Hazardous components:

CAS: 2768-02-7	Trimethoxyvinylsilane	<2%
EINECS: 220-449-8		
Reg.nr.: - 01-2119513215-52	Flam. Liq. 3 H226; Acute Tox. 4 H332;	

- **Additional information:** For the wording of the listed Hazard (H) / Precautionary (P) phrases refer to section 16.



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**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **After inhalation:** Supply fresh air.
- **After skin contact:** Wash with plenty of soap and water for 10-15 minutes. Seek medical advice in case of irritation.
- **After eye contact:** Rinse immediately with plenty of water. Seek medical advice in case of irritation.
- **After swallowing:** Give several small portions of water to drink. Do not induce vomiting.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further data available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
Further toxicology information is available in SECTION 11.

**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:** Water mist, dry powder, alcohol-resistant foam, carbon dioxide or sand.
- **Unsuitable extinguishing agents:** Water spray or water jet.
- **5.2 Special hazards arising from the substance or mixture**
- **Hazardous combustion products:** Nitrous gases
- **5.3 Advice for firefighters**
- **Protective equipment:** Use respiratory protection independent of recirculated air.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**
- **6.1.1. For non-emergency personnel.**  
**Protective equipment:** Wear personal protective equipment (see SECTION 8).  
**Emergency procedures:** Keep unprotected persons away. Avoid contact with skin and eyes. Avoid inhaling mists and vapours.
- **6.2 Environmental precautions:** Prevent material from entering surface waters, drains or sewers and soil. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.
- **6.3 Methods and material for containment and cleaning up:**
- **6.3.1. For containment:** Do not flush away with water. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean any slippery coating that remains using a detergent / soap solution or another biodegradable cleaner.
- **6.3.2. For cleaning up:** No further data available.
- **6.3.3. Other information:**
- **6.4 Reference to other sections**  
See SECTION 8 and 13.



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**CT1 Colours (Excluding Silver) - TRIBRID® Technology**

**SECTION 7: Handling and storage**

• **7.1 Precautions for safe handling**

**Measures to prevent fire:** Product can evolve methanol. Flammable vapours may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Keep away from sources of ignition and do not smoke. Take precautionary measures against electrostatic charging.

**Measures to prevent aerosol and dust generation:** Not required.

**Measures to protect the environment:** No further data available.

• **7.2 Conditions for safe storage, including any incompatibilities:**

Protect against moisture. Store in original container only. Keep container tightly closed and store in a cool, well ventilated place.

• **7.3 Specific end use(s)** Cartridge Applied Sealant & Adhesive.

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

• **8.1 Control parameters**

**Maximum airborne concentrations at the workplace:**

Name	CAS No.	Type	Mg/m3	ppm
Methanol	67-56-1	OEL	266	200

• **Additional information:** The lists valid during the making were used as basis.

• **8.2 Exposure controls**

• **8.2.1. Appropriate engineering controls:** Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating.

• **8.2.2. Personal protection equipment**

• **8.2.2.1. Eye face protection:** Protective goggles.

• **8.2.2.2. Skin protection:** After handling; make sure the skin is cleaned and protected.

• **8.2.2.3. Respiratory protection:** In case of strong exposure: gas mask filter AX

• **8.2.2.4. Thermal hazards:** Not applicable

• **8.2.3. Environmental exposure controls:** Prevent material from entering surface waters or soil.

**SECTION 9: Physical and chemical properties**

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

• <b>Appearance:</b>	Paste
• <b>Odour:</b>	Characteristic / low.
• <b>Odour Threshold:</b>	No data available.
• <b>pH:</b>	No data available.
• <b>Melting point / freezing point:</b>	No data available.
• <b>Initial boiling point and boiling range:</b>	No data available.
• <b>Flash point:</b>	>200°C
• <b>Evaporation rate:</b>	No data available.
• <b>Flammability (solid, gas):</b>	No data available.

(Contd. on page 4)



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**CT1 Colours (Excluding Silver) - TRIBRID® Technology**

(Contd. of page 3)

· <b>Upper / lower flammability or explosive limits:</b>	No data available.
· <b>Vapour pressure:</b>	No data available.
· <b>Vapour density:</b>	No data available.
· <b>Relative Density:</b>	1.58 Kg/Ltr (water =1)
· <b>Solubility (ies) (water):</b>	No data available.
· <b>Partition coefficient: n-octanol / water:</b>	No data available.
· <b>Auto-ignition temperature:</b>	No data available.
· <b>Decomposition temperature:</b>	No data available.
· <b>Viscosity:</b>	No data available
· <b>Explosive properties:</b>	No data available.
· <b>Oxidising properties:</b>	None

**SECTION 10: Stability and reactivity**

- **10.1 Reactivity**
- **10.2 Chemical stability:** Stable when stored in sealed containers.
- **10.3 Possibility of hazardous reactions:** Reacts with water and moisture in air, liberating methanol
- **10.4 Conditions to avoid:** Moisture during storage.
- **10.5 Incompatible materials:** Oxidising agents, peroxides, alcohols, acids, moisture, water
- **10.6 Hazardous decomposition products:** Methanol.

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects:** Trimethoxyvinylsilane
- **Acute toxicity**  
LC50 (RT F/M 4h): 16.8 mg/l vapour
- **Repeated dose toxicity**  
NOAEL(RT F/M oral): <62.5 mg/kg, OECD 422, LOAEL(RT F/M oral) : 62.5 mg/kg, NOAEL (RT F/M inhalation, vapour): 0.0605 mg/l
- **Skin corrosion/irritation:** Occluded (Dermal, RB, 24h) not irritating
- **Serious eye damage / eye irritation:** OECD 405 (RB 24h) not irritating
- **Respiratory / skin sensitising:** OECD 406 (GP) not a skin sensitiser
- **Germ cell mutagenicity**  
In Vitro: Bacteria (OECD 471): no mutagenic effects. Chromosomal aberration (OECD 473): clastogenic effect.  
Gene mutations on mammalian cells (OECD 476): no mutagenic effects. In Vivo: no mutagenic effects
- **Reproductivity: Fertility:** NOAEL (parent): 250 mg/kg. NOAEL (F1): none, NOAEL (F2): none, Method: OECD 422
- **Developmental toxicity: Teratogenicity:** (inhalation – vapour): NOAEL (terato): 0.6 mg/l, NOAEL (mater): 0.15 mg/l. Method: according to standardised method.



**CT1 Colours (Excluding Silver) - TRIBRID® Technology**

**SECTION 12: Ecological information**

• **12.1. Toxicity:**

<b>Trimethoxyvinylsilane:</b>	Acute toxicity: Fish LC 50 (Oncorhynchus mykiss, 96h): 191 mg/l Aquatic invertebrates: EC 50 (Water flea (Daphnia magna) 48h): 168.7 mg/l Aquatic plants: EC 50 (Algae (Pseudokirchneriella subcapitata), 7 d): 210 mg/l EC 10 (Algae (Pseudokirchneriella subcapitata), 7 d): 25 mg/l
-------------------------------	---

- **12.2. Persistence and degradability:** (Trimethoxyvinylsilane) 51 % (28 d, OECD 301 F) The product is not readily biodegradable.
- **12.3. Bioaccumulative potential:** No data available
- **12.4. Mobility in soil:** No data available
- **12.5. Results of PBT and vPvB testing:** No data available
- **12.6. Other adverse effects:** Not known
- **12.7. Additional information:** Do not discharge into the drains or waterways.

**SECTION 13: Disposal considerations**

- **13.1. Waste treatment methods:** Observe local regulations.
- **13.1.1. Product / packaging disposal:**  
**Waste codes / waste designations according to LoW:**  
 Dispose of in accordance with local regulations. Do not empty product into drains. According to the European catalogue, waste codes are not product specific, but application specific. The user should assign waste codes, preferably in discussion with the waste disposal authorities.
- **13.1.2. Waste treatment-relevant information:** No data available.
- **13.1.3. Sewage disposal-relevant information:** No data available.
- **13.1.4. Other disposal recommendations:** No data available.

**SECTION 14: Transport information**

• <b>14.1 UN-Number</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.2 UN proper shipping name</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.3 Transport hazard class(es)</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.4 Packing group</b> • <b>ADR, ADN, IMDG, ICAO/IATA, RID</b>	Not regulated
• <b>14.5 Environmental hazards:</b>	Not regulated
• <b>14.6 Special precautions for user</b>	Not regulated
• <b>14.7 Transport in bulk according to Annex II of Marpol 73/78 and the IBC Code</b>	Not regulated



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**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
The product has been assessed in accordance with CLP.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Relevant Hazard (H) and Precautionary (P) phrases**

H226: Flammable liquid and vapour.

H332: Harmful if inhaled.

• **Department issuing MSDS:** Product safety department.

• **Contact:** msds@ctl.com

• **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

IMDG: International Maritime Code for Dangerous Goods

ICAO: International Civil Aviation Organization

IATA: International Air Transport Association

RID - Regulation concerning the International Carriage of Dangerous Goods by Rail.

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CLP – Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008.

CAS - Chemical Abstracts Service number.

PBT - Persistent, Bioaccumulative and Toxic substance.

VPvB - Very Persistent and Very Bioaccumulative.

UN - United Nations.

REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

**Dr. Ralph Derra**Öffentlich bestellter und vereidigter Sachverständiger für  
Verpackungsmaterialien, Boden- und Luftanalysen;  
Sachverständiger in der Wasseranalytik

9 August 2019

Dr. Dr/Bk-hoe/kr

**UNBEDENKLICHKEITSERKLÄRUNG  
CERTIFICATE OF COMPLIANCE  
CERTIFICAT DE CONFORMITE**eingetragen  
registered no.  
registré

50140 U 19

für  
for  
pourC-TEC N.I Limited  
Unit 6  
Ashtree Enterprise Park  
Newry, County Down,  
Northern Ireland, BT34 1BYProdukt  
Product  
Produit

C-TEC CT1

The product manufactured by the company mentioned above is a sealant which is used in the foodstuffs-related sector for example for the jointing of wall and floor areas in companies which are preparing and processing foodstuffs.

It was examined by us according to the

Methoden zur Untersuchung von Kunststoffen, soweit sie als Bedarfsgegenstände im Sinne des Lebensmittel- und Bedarfsgegenständegesetzes verwendet werden, einschließlich der 62. Mitteilung des BfR zur Untersuchung von Hochpolymeren, Bundesgesundheitsblatt 50, 524 (2007), Stand vom April 2007,

(Methods for testing plastics as far as they are used as consumer goods as defined by the Foodstuffs and Consumer Goods Act, including the 62<sup>nd</sup> memorandum of the BfR on the examination of high polymers, Bundesgesundheitsblatt 50, 524 (2007), state of April 2007),

for the composition as well as for the release of substances which might endanger health and to the

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50140 U 19

"Methoden zur Untersuchung von Bedarfsgegenständen, Grundregeln für die Ermittlung der Migration in Prüflebensmittel", entsprechend der Vorschrift Nr. 80.30, 1 - 3 (EG) in der Amtlichen Sammlung von Untersuchungsverfahren nach § 64 des Lebensmittel- und Futtermittelgesetzbuchs - LFGB, Stand vom April 2008,

("Methods for the examination of consumer goods, basic rules for the determination of the migration into food simulants", according to the standard no. 80.30, 1 - 3 (EC) within the Official Collection of Testing Methods according to § 64 of the Foodstuffs and Animal Feed Code - LFGB, state of April 2008),

as well as to the

Series of standards EN 1186, EN 13130 and CEN/TS 14234 "Materials and Articles in Contact with Foodstuffs – Plastics", current state,

for the migration behaviour.

The completely cured sealant is in compliance with the rules of the

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC, Official Journal of the European Union L 338/4 of 13.11.2004, modified by app. no. 5.17 of the regulation (EC) No 596/2009 of 18 June 2009, Official Journal of the European Union L 188 of 18 July 2009, article 3,

as well as of the

Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch (Lebensmittel- und Futtermittelgesetzbuch - LFGB) in der Fassung der Bekanntmachung vom 3. Juni 2013 (BGBl. I S. 1426), zuletzt geändert durch Artikel 1 des Gesetzes vom 24. April 2019 (BGBl. I S. 498), §§ 30 und 31,

(Foodstuffs, Consumer Goods and Animal Feed Code (Foodstuffs and Animal Feed Code - LFGB) in the version of the notification of 3 June 2013 (BGBl. p. 1426), last amendment by article 1 of the act of 24 April 2019 (BGBl. I p. 498), §§ 30 and 31).

Thus, the sealant **C-TEC CT1** according to the sample material submitted may be used safely in the foodstuffs-related sector for example for the jointing of wall and floor areas in companies that are preparing and processing foodstuffs. However, a direct contact with the foodstuffs is not intended.

This certificate of compliance has a validity of 2 years and consists of 3 pages.

Certification decision



Öffentlich anerkannter Sachverständiger  
zur Untersuchung der Gegenproben von  
Verpackungsmitteln aus Papier, Pappe,  
Kunststoffen, Glas, Weißblech und  
sonstigen Metallverpackungen auf ihre  
Lebensmittelrechtliche Unbedenklichkeit.

(Burkardt)  
Officially certified  
and authorized food  
chemist

The translation of the above stamps is given on page 3.  
La traduction des estampilles est donnée en page 3.





**Staatlich anerkannter Sachverständiger zur Untersuchung der Gegenproben von Verpackungsmitteln aus Papier, Pappe, Kunststoffen, Glas, Weißblech und sonstigen Metallverpackungen auf ihre lebensmittelrechtliche Unbedenklichkeit**

Dr. Ralph Derra

Authorized expert for the analyses of packaging materials, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse des matériaux d'emballage, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

State registered expert for the analysis of contrasting samples of packaging materials of paper, board, plastics, glass, tin plate and other metallic packaging materials as to their suitability for use with foodstuffs.

Expert public pour l'étude du contrôle des contre-échantillons d'emballages de papier, cartons, plastiques, verre, fer-blanc et d'autres emballages métalliques concernant leur conformité alimentaire.



Dr. Ralph Derra

Authorized expert for the analyses of soil and air, attested by the Aschaffenburg Chamber of Industry and Commerce.

Expert autorisé pour l'analyse du sol et de l'air, assermenté par la Chambre d'Industrie et de Commerce d'Aschaffenburg.

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Die Rücklagen des untersuchten Materials werden bei der Gutachterstelle verwahrt.

Dieses Dokument ist eine Übersetzung einer deutschen Originalversion. In Streitfällen ist das Originaldokument die rechtlich bindende Version.

A file sample of the tested material is kept at the expert's office.

This document is a translation of an original in German. In case of dispute, the original document should be taken as authoritative.



**C-TEC**  
BUILDING PRODUCT  
SPECIALISTS

Declaration of  
Performance



In accordance with Annex III of Regulation (EU) No 305/2011  
(Construction Product Regulation)

**CT1 Clear & Silver**

**No : DOP2019-1-CT1**

**1. Unique identification code of product-type:**

C-TEC CT1 (Clear & Silver)

**2.Type, batch or serial number or any other element allowing identification of the construction product as required to Article 11 (4):**

Batch number: See product packaging

**3.Intended use or uses of construction product, in accordance with applicable harmonized technical specification, as foreseen by the manufacturer:**

EN15651-1: F-INT: Sealant for façade for interior application.

**4.Name, registered name or registered trade mark and contact address for the manufacture as required to Article 11 (5):**

**C-TEC NI LIMITED ■ UNIT 6 ASHTREE ENT PK ■ RATHFRILAND RD ■ NEWRY ■ CO.DOWN ■  
BT34 1BY ■ NORTHERN IRELAND**

**5.Name and contact address of the authorized representative whose mandate covers the task specified in Article 12 (2):** Not Applicable

**6.System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

System 3  
System 3 for reaction to fire

**7.In case of declaration of performance concerning a construction product covered by a harmonized standard:**

EN15651-1: F-INT

The notified body 4Ward Testing Ltd, identification number 2538 performed initial type testing under system 3 and issued a test report.

**8.In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:** Not Applicable

C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
Newry, Co. Down, Northern Ireland, BT34 1BY.  
Tel: 028 3083 4892 Fax: 028 3026 4444  
Email: [info@ct1.com](mailto:info@ct1.com) Web: [www.ct1.com](http://www.ct1.com)

## 9. Declared performance

EN 15651-1: F-INT

Non-structural sealant for joints only on the internal side of façade elements

Pre-Conditioning: Method B (according to ISO 8340)

Substrate: Glass – without primer

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire (EN13501)	Class E	
Release of chemical dangerous to the environment and health	NPD(*) See product safety data sheet	
Water Tightness & Air Tightness as determined by:		
Resistance to flow	≤ 5 mm	EN 15651-1:2012
Loss of volume	≤ 45 %	EN 15651-1:2012
Tensile properties: elongation at break	NF	EN 15651-1:2012
Durability	Pass	EN 15651-1:2012

(\*) See material safety data sheet

NPD: No Performance Determined

NF: No Failure

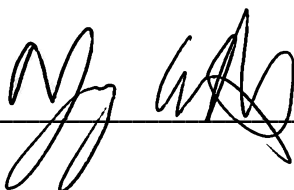
NR: Not required

Where pursuant in Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: Not Applicable

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

JIMMY WALSH  
 MANAGING DIRECTOR  
 C-TEC NI LIMITED



10-2019



**C-TEC**  
BUILDING PRODUCT  
SPECIALISTS

Declaration of  
Performance



**2538**

**C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
Newry, Co. Down, BT34 1BY, Northern Ireland  
19**

**Reference No: DOP2019-1-CT1 (Clear & Silver)**

**CT1 – CLEAR & SILVER**

**EN 15651-1: F-INT**

**Pre-Conditioning: Method B.**

**Substrate: Glass – without primer**

**EN 15651-1: F-INT**

**Non-structural sealant for joints on the  
internal side of façade elements**

Reaction to Fire: Class E

Resistance to flow: ≤5mm

Loss of volume: ≤45%

Tensile properties: Elongation at break NF

Durability: Pass

C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
Newry, Co. Down, Northern Ireland, BT34 1BY.

Tel: 028 3083 4892 Fax: 028 3026 4444

Email: [info@ct1.com](mailto:info@ct1.com) Web: [www.ct1.com](http://www.ct1.com)





**C-TEC**  
BUILDING PRODUCT  
SPECIALISTS

Declaration of  
Performance



In accordance with Annex III of Regulation (EU) No 305/2011  
(Construction Product Regulation)

**CT1 Colours**

**No : DOP2019-1-CT1**

**1. Unique identification code of product-type:**

C-TEC CT1 (COLOURS excluding silver)

**2.Type, batch or serial number or any other element allowing identification of the construction product as required to Article 11 (4):**

Batch number: See product packaging

**3.Intended use or uses of construction product, in accordance with applicable harmonized technical specification, as foreseen by the manufacturer:**

EN15651-1: F-EXT-INT-CC (CLASS 20HM): Sealant for façade elements

EN15651-3: S (CLASS XS3): Sealant for sanitary Joints

EN15651-4: PW (CLASS 20HM): Sealant for Pedestrian Walkways

**4.Name, registered name or registered trade mark and contact address for the manufacture as required to Article 11 (5):**

**C-TEC NI LIMITED ■ UNIT 6 ASHTREE ENT PK ■ RATHFRILAND RD ■ NEWRY ■ CO.DOWN ■  
BT34 1BY ■ NORTHERN IRELAND**

**5.Name and contact address of the authorized representative whose mandate covers the task specified in Article 12 (2):** Not Applicable

**6.System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:**

System 3

System 3 for reaction to fire

**7.In case of declaration of performance concerning a construction product covered by a harmonized standard:**

EN15651-1: F-EXT-INT-CC

EN15651-3: S

EN15651-4: PW

The notified body 4Ward Testing Ltd, identification number 2538 performed initial type testing under system 3 and issued a test report.

**8.In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:** Not Applicable

C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
Newry, Co. Down, Northern Ireland, BT34 1BY.  
Tel: 028 3083 4892 Fax: 028 3026 4444  
Email: [info@ct1.com](mailto:info@ct1.com) Web: [www.ct1.com](http://www.ct1.com)



**C-TEC**  
BUILDING PRODUCT  
SPECIALISTS

Declaration of  
Performance



## 9. Declared performance

### EN 15651-1: F-EXT-INT-CC

Non-structural sealant for joints on the external and internal side of façade elements

Pre-Conditioning: Method B (according to ISO 8340)

Substrate: Glass – without primer

Aluminium - without primer

Mortar – with primer

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire (EN13501)	Class E	
Release of chemical dangerous to the environment and health	NPD(*) See product safety data sheet	
Water Tightness & Air Tightness as determined by:		
Resistance to flow	≤ 3 mm	EN 15651-1:2012
Loss of volume	≤ 10 %	EN 15651-1:2012
Tensile properties: elongation at break	NF	EN 15651-1:2012
Durability	Pass	EN 15651-1:2012

### EN 15651-3: S

Non-structural sealant for sanitary joints

Pre-Conditioning: Method B (according to ISO 8340)

Substrate: Glass - without primer

Aluminium - without primer

Mortar - with primer

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire (EN13501)	Class E	
Release of chemical dangerous to the environment and health	NPD(*) See product safety data sheet	
Water Tightness & Air Tightness as determined by:		
Resistance to flow	≤ 3 mm	EN 15651-3:2012
Loss of volume	≤ 20 %	EN 15651-3:2012
Tensile properties: elongation at break	NF	EN 15651-3:2012
Microbiological Growth	SX3	EN 15651-3:2012
Durability	Pass	EN 15651-3:2012

**EN 15651-4: PW EXT – INT CC**  
**Non-structural sealant for use in pedestrian walkways**  
**Pre-Conditioning: Method B (according to ISO 8340)**  
**Substrate: Glass – without primer**  
**Aluminium - without primer**  
**Mortar – with primer**

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire (EN13501)	Class E	
Release of chemical dangerous to the environment and health	NPD(*) See product safety data sheet	
<b>Water Tightness &amp; Air Tightness as determined by:</b>		
Resistance to flow	≤ 3 mm	EN 15651-4:2012
Loss of volume	≤ 10 %	EN 15651-4:2012
Tensile properties at maintained extension	NF	EN 15651-4:2012
Tear Resistance	NF	EN 15651-4:2012
Durability	Pass	EN 15651-4:2012

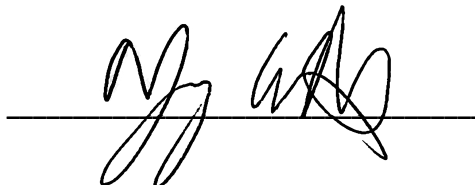
(\*) See material safety data sheet  
 NPD: No Performance Determined  
 NF: No Failure  
 NR: Not required

Where pursuant in Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies: Not Applicable

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by

JIMMY WALSH  
 MANAGING DIRECTOR  
 C-TEC NI LIMITED



10-2019



**C-TEC**  
BUILDING PRODUCT  
SPECIALISTS

Declaration of  
Performance



**2538**

**C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
Newry, Co. Down, BT34 1BY, Northern Ireland  
19**

**Reference No: No: DOP2019-1-CT1**

**CT1 – COLOURS**

**EN 15651-1: F-EXT-INT-CC**

**Pre-Conditioning: Method B.**

**Substrate: Glass – without primer**

**Aluminium – without primer**

**EN 15651-1: F-EXT-INT-CC**

**EN 15651-3: S**

**EN 15651-4: PW-EXT-CC**

**Non-structural sealant for use on external and  
internal**

**sides of façade elements**

**Non-structural sealant for sanitary joints**

**Non-structural sealant for pedestrian walkways**

**Reaction to Fire: Class E**

**Resistance to flow: ≤3mm**

**Loss of volume: ≤10%**

**Microbiological Growth: SX3**

**Tensile properties: Elongation at break NF**

**Tensile properties at maintained extension: NF**

**Tear resistance: NF**

**Durability: Pass**

C-Tec N.I. Limited, Unit 6 Ashtree Enterprise Park,  
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