

SAFETY DATA SHEET

In Accordance to Toy Safety Directives 2009/48/EC, Article 31

Trade Name: **Faber-Castell Connector Pens**

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

Printing Date: 01/02/21

Revision: 21/01/2021

1. Identification of the Substance / Mixture and of the Company / Undertaking

Product Identifier FC681, FC5570, FC5541

Trade Name: **Connector Pens**

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against: No further relevant information available

Application of the Substance / the Mixture: Children's Marker used for Drawing, Sketching and Colouring

Details of the Supplier of the Safety Data Sheet

Supplier: Modern Teaching Aids Pty Ltd

ABN 98 000 628 786

Address Level 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2100

Further Information Obtainable From

Australian Emergency Telephone Number: Poisons Information Centre
Telephone: 131126

2. Hazards Identification

Classification of the Substance or Mixture:

Non-Hazardous Products. Ink - Water based ink containing dyestuffs as colourant and mixed with demineralised water, humectants, alcohol and preservatives. Stir mixture until it becomes homogenous ink. Plastic Parts: Injection process with Resin Plastic and colouring with Master batch

Label Elements

GHS Label Elements: The product is classified as non hazardous according to the Globally Harmonised System (GHS)

Hazard Pictograms: None - as product is non hazardous

Single Word Warning: None - as product is non hazardous

Hazard-Determining Components of Labelling: None - as product is non hazardous

Hazard Statements: Hazardous identification none.

Precautionary Statement: If medical advice is needed consult a doctor
Skin contact – wash with soap and water
Eye contact – rinse cautiously with water for several minutes. Remove contact lenses.
Ingestion – drink large amounts of water
Inhalation – supply fresh air

Additional Information: Bill Of Materials

Description	Part No	No Used	Material, Substance, Component	CAS, EINECS Or CI Of Main Component	SDS Required Y/N	Supplier Declaration Or Test Report
Marker	1		For description see product information		Y	REACH
Barrel	2		PP		Y	REACH
Cap	3		PP		Y	REACH
End Plug	4		PE		Y	REACH
Tip	5		Polyester		Y	REACH
Reservoir	6		Polyester		Y	REACH
Reservoir	7		PP		Y	REACH
Wrapping						
Printing	8		Gold Foil		Y	REACH
Packing	9		Cardboard		Y	REACH
Ink	10		Tartrazine E 102	1934-21-0	Y	REACH
	10		Brilliant Blue E 133	3844-45-9	Y	REACH
	10		Ponceau 4R E 122	2611-82-7	Y	REACH
	10		Carmoisine E 122	3567-69-9	Y	REACH
	10		Black 2190 Mixture – E110, E102, E124, E122, E133			REACH
	10		Pyranine	6358-69-6	Y	REACH
	10		Basanyl Red 482	989-38-8	Y	REACH
	10		Basanyl Red 555FI	102286-62-4; 102262-18-0, 107-21-1, 96-48-0	Y	REACH
	10		Basilen Turquoise Blue P-GR 94		Y	REACH
	10		Propylene Glycol	57-55-6	Y	REACH
	10		Ebotec MB 150	52-51-7	Y	REACH
	10		Ethanol	64-17-5	Y	REACH
	10		Water	7732-18-5	Y	REACH

SAFETY DATA SHEET

In Accordance to Toy Safety Directives 2009/48/EC, Article 31

Trade Name: **Faber-Castell Connector Pens**

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

Printing Date: 01/02/21

Revision: 21/01/2021

2. Hazards Identification – (Cont)

Other Hazards: None

Conformity Assessment Procedure

First party conformity assessment. Harmonized standards referenced in the OJEU used:

EN 71 – 1 : 2005	Safety Of Toys: Mechanical and Physical properties	Yes, Certificate available
EN 71 – 2 : 2006	Safety Of Toys: Flammability	Yes, Certificate available
EN 71 – 3 : 1994	Safety Of Toys: Migration of certain elements	Yes, Certificate available
EN 71 – 9 : 2005	Safety Of Toys: Organic chemical compounds - requirements	Yes, Certificate available

Particular Safety Requirements

Physical and Mechanical properties	Yes, Comply to EN 71 Part 1
Flammability	Yes, Comply to EN 71 Part 2
Chemical Properties	Yes, Comply to EN 71 Part 3 and Part 9
Electrical Properties	No Electrical Part
Hygiene (microbiology < 100 germs / g)	Yes
Radioactivity	No Radioactive Material Added

Particular Product – Related Faber-Castell Requirements

Prohibition of All Phthalates	Yes
Prohibition of PAH	Yes
Prohibition of PVC	Yes
No Bad Smell	Yes
Prohibition of Toxic Heavy Metals in Masterbatches / Plastics	Yes

Results of PBT and vPvB assessment **PBT:** Not Applicable
vPvB: Not Applicable

3. Composition / Information on Ingredients

Chemical Characterisation:	Non-Hazardous Products. Ink - Water based ink containing dyestuffs as colourant and mixed with demineralized water, humectants, alcohol and preservatives. Plastic Parts: Injection process with Resin Plastic and colouring with Master batch
Description:	Connector Pens
Dangerous Components:	Non toxic
Additional Information:	The object of the declaration described is in the conformity with the relevant EU harmonization legislation:
Directive 2009/48/EC	On the Safety of Toys
Regulation (EC) 1907/2006	Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Directives 2005/84/EC	Phthalates in Toys and Childcare Articles
PAH Compliance	Dir 2005/108/EG

4. First Aid Measures

Description of First Aid Measures

General Information:	Immediately remove any clothing soiled by the product.
After Inhalation:	Supply fresh air
After Skin Contact:	Wash with soap and water and rinse thoroughly
After Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses.
After Swallowing:	Drink large amounts of water

Information for Doctor

Most Important Symptoms and Effects, both acute and delayed: No further relevant information available

Indication of Any Immediate Medical Attention and Special Treatment Needed: No further relevant information available

5. Fire Fighting Measures

Extinguishing Media

Suitable Extinguishing Agents: None – ink does not burn
Should the plastic casing / packaging burn, use carbon dioxide dry powder or water mist

Special Hazards Arising from the Substance or Mixture: No further relevant information available

Advise for Fire Fighters

5. Fire Fighting Measures – (Cont)

SAFETY DATA SHEET

In Accordance to Toy Safety Directives 2009/48/EC, Article 31

Trade Name: **Faber-Castell Connector Pens**

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

Printing Date: 01/02/21

Revision: 21/01/2021

Protective Equipment: No special protective clothing or measures required.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Change clothes
Environmental Precautions: do not introduce in sewers / surface or ground water
Methods and Material for Containment and Cleaning Up:
 Dispose small quantities in waste bin, greater quantities according to Federal, State & Local regulations.
Reference to Other Sections: See Section 7 for information on safe handling
 See Section 8 for information on personal protection equipment
 See Section 13 for disposal information.

7. Handling and Storage

Handling
Precautions for Safe Handling: No special measures required
Information About Fire and Explosion Protection: No special measures required
Conditions for Safe Storage, Including any incompatibilities
Storage: Ensure cap is closed when not in use
Requirements to be Met by Storerooms and Receptacles: No special measures required.
Information About Storage in One Common Storage Facility: Do not mix with lye or acids.
Storage Class: No special measures required
Specific End Use(s): No special measures required

8. Exposure Controls / Personal Protection

Additional Information About Design of Technical Facilities: No further data, see section 7
Control Parameters
Ingredients with Limit Values That Require Monitoring at the Workplace:
 The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
Additional Information: No special measures required.
Exposure Controls
Personal Protective Equipment: No special measures required.
General Protective and Hygienic Measures: No special measures required.
Protection of Hands: No special measures required.
Protection of the Eyes: No special measures required

9. Physical and Chemical Properties

Information On Basic Physical and Chemical Properties
General Information
Appearance:
Form: Liquid **Colour:** 100 different colours in the range
Odour: None **Odour Threshold:** Not applicable.
pH value: Not determined.
Change In Condition
Melting Point / Melting Range: ca.0°C **Boiling Point / Boiling Range:** ca.100°C
Flash Point: Not applicable **Flammability (Solid, Gaseous):** Not applicable – EN 71 – 2 : 2006
Ignition Temperature: Not applicable **Decomposition Temperature:** Not determined
Self-igniting: Product is not self-igniting
Danger Of Explosion: Product does not present an explosion hazard
Explosion Limits: Density @20 deg. C – ca. 1g/ml
 Vapour Pressure @20 deg.C – ca. 60mbar
Vapour Pressure: Not determined **Density at 20oC:** Not determined
Relative Density: Not determined **Vapour Density:** Not determined
Evaporation Rate: Not determined **Solubility in / Miscibility With Water:** Miscible
Partition Coefficient (n-octanol / water): Not determined

9. Physical and Chemical Properties (Cont)

SAFETY DATA SHEET

In Accordance to Toy Safety Directives 2009/48/EC, Article 31

Trade Name: **Faber-Castell Connector Pens**

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

Printing Date: 01/02/21

Revision: 21/01/2021

Viscosity: 1-4mPs.d (Brookfield)

Solvent Content: 0.0%

VOC (EC): 0.0%

Solids Content: Not applicable

Other Information: Not applicable

10. Stability and Reactivity

Reactivity: No further relevant information available

Chemical Stability

Thermal Decomposition / Conditions to be Avoided: No decomposition if used according to specifications

Possibility of Hazardous Reactions: Lye and acids.

Conditions To Avoid: No further relevant information available.

Incompatible Materials: No further relevant information available.

Hazardous Decomposition Products: No further relevant information available

11. Toxicological Information

Information on Toxicological Effects

Acute Toxicity / Primary Irritant Effect:

Skin Corrosion / Irritation: Not applicable

Serious Eye Damage / Irritation: Not applicable

Respiratory or Skin Sensitisation: Not applicable

Additional Toxicological Information: LD 50 > 2000mg/kg (rat, calc.) – special health risk none

12. Ecological Information

Toxicity

Aquatic Toxicity: No further relevant information available

Persistence and Degradability: No further relevant information available

Behaviour in Environmental Systems: No further relevant information available

Bioaccumulative Potential: No further relevant information available

Mobility In Soil: No further relevant information available

Additional Ecological Information

General Notes: Water Hazard Class 1 (German Regulation) also see section 6

Results of PBT and vPvB Assessment:

PBT: Not applicable

vPvB: Not applicable

Other Adverse Effects: No further relevant information available

13. Disposal Considerations

Waste Treatment Methods

Recommendation: See Section 6

Uncleaned Packaging

Recommendation: See Section 6

14. Transport Information

UN-Number - ADG, IMDG, IATA, ADN: Not applicable

UN Proper Shipping Name - ADG, ADN, IMDG, IATA: Not applicable

Transport Hazard Class(es) - ADG, ADN, IMDG, IATA Class: Not applicable

Packing Group - ADG, IMDG, IATA: Not applicable

Environment Hazards - Marine Pollutant: No

Special Precautions For User: Not applicable

Transport in Bulk According to Annex II of Marpol and the IBC Code: Not applicable

Transport / Additional Information: Not dangerous according the above specification

UN "Model Regulation": Not applicable

15. Regulatory Information

Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture

SAFETY DATA SHEET

In Accordance to Toy Safety Directives 2009/48/EC, Article 31

Trade Name: **Faber-Castell Connector Pens**

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

Printing Date: 01/02/21

Revision: 21/01/2021

<u>Australian Inventory of Chemical Substances:</u>	All ingredients are listed
<u>Standard for the Uniform Scheduling of Medicines and Poisons:</u>	The ingredients are non toxic
<u>GHS Label Elements:</u>	The product is classified and labelled according to the Globally Harmonised System (GHS)
<u>Hazard Pictograms:</u>	Not applicable
<u>Signal Word Warning</u>	
<u>Hazard-Determining Components of Labelling:</u>	Not applicable
<u>Hazard Statements:</u>	See Section 4
<u>Precautionary Statement:</u>	See Section 4
<u>Directive 2012/18 EU</u>	
<u>Named Dangerous Substances – ANNEX I:</u>	Not applicable
<u>Chemical Safety Assessment:</u>	Not applicable

16. Other Information

This section of the SDS provides any other information relevant to the preparation of the SDS including:

Latest Revision information and previous version dates etc

Suppliers should maintain an explanation of the changes eg Revision no 1.04 from SDS and Date

Revision no 1.01 from MSDS 01/03/15

Changed from MSDS to SDS on 30/08/16

CAS Number included 21/02/17

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of the safety requirements. The data does not signify any warranty with regarding the products properties and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.