

146 – Metal Detectable Permanent Markers

Document Number: HSE 718A

Date Of Issue: 22/08/2018

Revision Number: 3

Date of Revision: 27/07/2023



This Declaration of Compliance Statement document is appropriate for the following products:

Product Name	Product Code	Description	Ink Colour	Dimensions	Material Type
Detectable Retractable Permanent Markers	146-A05	Detectable Retractable Permanent Markers	Red, Green, Blue and black	148 X 22mm	PP
Economy Permanent Marker Retractable	146-N	Economy Permanent Marker Retractable	Red, Green, Blue and black		PP

The above is manufactured using pigments which are in accordance with: -

- European Resolution AP (89) 1
- Recommendation IX of the BfR for colouring plastics
- EN71-3 Toy regulation
- EU regulation EU No 2019/1381 amending Regulation EU No 1935/2004
- Is based on a polymer carrier that is compliant with: -
- EU regulation EU No 2020/1245 amending and correcting Regulation (EU) No 10/2011
- EU regulation EU No 2019/1381 amending Regulation EU No 1935/2004
- Has been produced according to Regulation 2023/2006/EC on good manufacturing practice for materials and articles intended to come into contact with food, applicable to plastic raw materials.

This compliance statement is based on information supplied by the polymer and pigment manufacturers, migration testing according to Regulation 10/2011, migration modelling and quality control systems in place at Detectamet.

REACH – No substances of very high concern (SVHC) above the 0.1% weight (w/w) threshold limit are present in the materials.

Regulations and Standards

We confirm that the above-mentioned products are suitable for use in contact with all food types and are in conformity with the applicable requirements of the following regulations and standards:

- Regulation (EC) no.1935/2004 on Materials and Articles intended to come into contact with food.
- Commission Regulation (EU) No.10/2011 on Plastic materials intended to come into contact with food including its updates Regulation 1282/2011 and Regulation 1183/2012.
- Regulation (EC) no. 2023/2006 on Good Manufacturing Practice for materials and articles intended to come into contact with food.
- Council of Europe Resolution AP 89/1 on the use of Colorants in Plastic Materials coming into contact with food.
- US FDA 21 CFR 177.1520 (Olefin polymers) with colorants and additives cleared for use through listing in 178.3297 (Colorants for polymers), 178.2010 (antioxidants and/or stabilisers for polymers, or other respective parts of the FDA regulations.

Migration test data obtained under short-term repeat use test conditions (6dm²/kg food) has demonstrated that levels of overall migration and specific migration of additives from these products will not exceed the legal limits with all food types.

Test Simulants	Food Types	Testing Condition
A-C, D1, D2 of Regulation No. 10,2011 for Plastic Materials and Articles in contact with food.	All dry, aqueous, acidic, alcoholic and fatty foods.	2 hours at 70C, Repeat use. Test OM3 of regulation 10/2011

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Dual-use food additives may be present but any migration into food will be minimal.

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Permanent Ink

1. Identification

Product name Permanent marker.

Colours Blue, black, red and green.

2. Hazard Identification

Product is not hazardous under normal use conditions.

3. Composition

N-propanol, iso propyl alcohol glycol, dyes, pigment, resin, additives.

4. First Aid Measures

Inhalation Not an inhalation hazard under normal use conditions.

Skin contact Wash with soap and water.

Eye contact Flush with water for at least 15 minutes. If irritation persists, consult a physician.

Ingestion If large amount is ingested seek medical attention.

5. Firefighting Measures

Flash point Not determined.

Extinguishing media As appropriate for surrounding area.

Special firefighting measures None

Unusual fire and explosion hazards Acrid smoke, fumes.

6. Accidental Release Measures

Incase of spill or accidental release Wipe up with absorbent material.

7. Handling and Storage

Handling Do not shake pen.

Storage Keep cap on pen or pen retracted when not in use.

8. Exposure Controls and Personal Protection

Eye protection Not under normal use conditions.

Clothing Not under normal use conditions.

Respirator Not under normal use conditions.

Ventilation Not under normal use conditions.

9. Physical and Chemical Properties

For ink unless otherwise specified

Boiling point N/A

Specific gravity N/A

Vapor pressure N/A

Solubility in water Insoluble

Evaporation rate N/A

Appearance/Odour Coloured liquid, slight odour.

10. Stability and Reactivity

Stability Stable.

Conditions to avoid N/A

Chemical incompatibility N/A

Hazardous decomposition N/A

Hazardous polymerization Will not occur.

11. Toxicological Information

See section 2: hazard identification for any hazards.

12. Ecological Information

Not available.

13. Disposal Considerations

Dispose in accordance with federal, state and local regulations

14. Transport Information

DOT Not regulated as a hazardous material for shipping.

IATA Not regulated as a hazardous material for shipping.

IMO Not regulated as a hazardous material for shipping.

15. Regulatory Information

US All ingredients in this product are listed on or exempt from reporting under the Toxic Substances Control Act (TSCA)

Canada All ingredients in this product are listed on or exempt from reporting under the Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

16. Other Information

Health N/A

Flammability N/A

Reactivity N/A

Personal protection N/A

0 = minimal / 4 = severe

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