


Material safety data sheet

Product name:

MD_HD_HT All Article number list_19_Jun_2020

SIGN IN BEHALF OF Hatteland Technology AS
Name: Thor Østrem
Position: Vice President Quality & HR
Place & Date: Aksdal, Norway 19 Jun. 2020

Signature: _____ 

Manufacture's stamp: 
**HATTELAND
TECHNOLOGY**
an EMBRON Company 

1. Identification of the substance/ preparation and of the company/ undertaking

Identification of the product

Product name: refers to "MD_HD_HT All Article number list_19_Jun_2020"

Manufacture/ supplier identification

Company: Hatteland Technology AS

Address: Eikeskogvegen 52, N-5570 Aksdal, Norway

Contact for Information: mail@hattelandtechnology.com

2. Composition/ information on ingredients

Product chassis made in painted aluminum or steel, internal electronic circuit boards, cable assembly's and Liquid Crystal Display (LCD, not for computers)

3. Hazards identification

Reference to Hatteland Technology "Supplier's Declaration of Conformity for Material Declaration

Management" found on our web page. (https://www.hatteland-display.com/terms_and_conditions.html)

4. First-aid measure, exposure to liquid crystals

After inhalation: Fresh air

After skin contact: Wash off with plenty of water. Remove contaminated clothing

After eye contact: Rinse out with plenty of water with the eyelid held wide open. Contact eye specialist if necessary

After ingestion: Make victim drink plenty of water, induce vomiting, and contact doctor.

5. Fire-fighting measures

Suitable extinguishing media:

Foam, powder, water.

Other information: Contain escaping steam/ vapours with water.

6. Accidental release measures (liquid crystals)

Procedures for cleaning/ absorption:

Take up with liquid-absorbent material, forward for disposal. Clean up affected area.

7. Handling storage

Handling: No further requirements

Storage: Tightly closed. Dry. (At temperature: -20 to +60°C)

8. Exposure controls / personal protection Personal protective equipment:

Respiratory protection: Not required

Eye protection: Not required

Hand protection: Not required

9. Physical and chemical properties

Form: Metal housing
Color: normally black, but can vary
Odour: Odorless

pH value not available

Melting temperature not available

Boiling temperature not available

Ignition temperature not available

Flash point not available

Explosion limits lower not available

Upper not available

Density not available

Solubility in

Water (20°C) not available

Dichloromethane (20°C) not available

10. Stability and reactivity

Conditions to be avoided

Not known to date

Substance to be avoided

Not known to date

Hazardous decomposition products

Not known to date

11. Toxicological information

Reference to Hatteland Technology "Supplier's Declaration of Conformity for Material Declaration Management" found on our web page. (https://www.hatteland-display.com/terms_and_conditions.html)

Property that must be anticipated on the basis from the components of the preparation:

After skin contact: No irritation

After eye contact: No irritation

Further data

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

12. Ecological information

Ecotoxic effects:

Quantitative data on the ecological effects of this product are not available

Further ecological data:

Do not allow to waste in drinking water supplies, waste water, or soil!

13. Disposal consideration

Product:

We recommend that you contact with the local authorities in care or approved waste disposal companies which will advise you on how to dispose special waste.

Packaging:

Disposal in compliance with official regulations.

14. Transport information

Not subject to transport regulations