

LEADERART INDUSTRIES (M) SDN BHD

Safety Data Sheet

1907/2006/EC, 1272/2008/EC

Trade Name: Medium tip Whiteboard Marker Pen

SDS No.: SDS-LDT-04/09

Revision Date: 17-October-2015

Revision No.: 2

1 Identification of the substance / mixture and of the company / undertaking

- **Product Identifier**
 - Trade Name: Medium tip Whiteboard Marker Pen
 - Product Reference: LA3200
- **Relevant identified uses of the substance or mixture**
 - Whiteboard marker, for office product.
- **Detail of the supplier of the safety data sheet**
 - Manufacturer / Supplier: Leaderart Industries (M) SDN. BHD.
 - Full Address: 7, Jalan Kukoh, Tampoi, 80350 Johor Bahru, Johor, Malaysia.
 - Phone number: (607) 236 4011
 - Fax: (607) 236 1793
- **Emergency contact**
 - Phone number: (607) 236 4011
 - Email: iriskam@leaderart.com.my

2 Hazards identification

- **Classification of Product**
 - Classification according to Regulation (EC) 1272/2008
 - ❖ GHS Pictogram: N/A
 - ❖ Hazard Class & Hazard Statement: N/A

This Product is not classified as Hazard according to Regulation (EC) 1272/2008.
 - Classification according to Directive 1999/45/EC
 - ❖ Hazard Classification & Warning Symbol: N/A
 - ❖ Risk Phase: N/A

This Product is not classified as Hazard according to Directive 1999/45/EC.
- **Label elements**
 - Labeling according to Directive 1999/45/EC
 - ❖ Warning Symbol: N/A
 - ❖ Signal word: N/A
 - ❖ Hazard statement: N/A
 - ❖ Precautionary statement: N/A

No labeling to this product according to the calculating procedure of Directive 1999/45/EC.

Overall product safety statement: Keep away from eyes.
- **Other hazards**
 - None

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3 Composition / information on ingredients

- **Chemical characterization:** Mixtures of the product containing non-hazardous substances and coloring agents.
- **Description:**
 - Mixture of the substances listed below with nonhazardous additions.

Board Marker Ink Cap-Off			
CAS: 64-17-5 EINECS: 200-578-6	Ethanol	Hazard symbol: Flammable R / S Phrases: R11 R20/22	10.00 to 15.00%
CAS: 107-98-2 EINECS: 203-539-1	Methyl Proxitol	Hazard symbol: Flammable R / S Phrases: R10 S24	2.00 to 5.00%
CAS: 67-63-0 EINECS: 200-661-7	Propan-2-ol	Hazard symbol: Flammable R / S Phrases: R11 R36 R37 S7 S16 S24 S25 S26	0.50 to 2.00%
Marker Plastic components, nib & reservoir			
CAS: 9002-88-4 EINECS: N/A	Polyethylene	N/A	35.00%
CAS: 9003-07-0 EINECS: N/A	Polypropylene	N/A	40.00%
CAS: 25038-59-9 EINECS: N/A	Polyester	N/A	10.00%
CAS: 25014-41-9 EINECS: N/A	Acrylic	N/A	1.00%

- **Dangerous components:** Void.
- **Additional information:**
 - For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **Description of first aid measure**
 - **After inhalation:** Not applicable.
 - **After skin contact:** Generally the product does not irritate the skin.
 - **After eye contact:** Rinse opened eye for several minutes under running water.
 - **After swallowing:** Not applicable.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** First aid is normally not required. If swallowed, obtain medical attention.

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5 Firefighting measures

- **Suitable extinguishing agents:** CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters**
 - **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** Not required.
- **Methods and material for containment and cleaning up:** Pick up & collect in suitable container for disposal.
- **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

- **Precautions for safe handling:**
 - **Information for safe handling:** Not required.
 - **Information about fire – and explosion protection:** No special measures required.
- **Conditions for safe storage:**
 - **Requirements to be met by storerooms and receptacles:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** None.

8 Exposure controls / personal protection

- **Control parameters**
 - No occupational exposure limit assigned.
- **Additional information about design of technical facilities:** No further data; see section 7.
- **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:** None.
- **Personal protective equipment:**
 - **General protective and hygienic measures:** Not required.
 - **Respiratory protection:** Not required.
 - **Protection of hands:** Not required.
 - **Eye protection:** Not required.

9 Physical and chemical properties

- **Appearance:** Solid.
- **Odour:** As per product characteristic.
- **Odour threshold (ppm):** Not applicable.
- **pH:** Not applicable.
- **Melting point:** > 165°C.
- **Freezing point:** Not applicable.
- **Initial boiling point / Boiling range:** Not applicable.
- **Flash Point:** Not applicable.
- **Evaporation rate:** Not applicable.
- **Flammability:** Not available.
- **Upper/Lower flammability or explosive limits:** Not available.
- **Vapour pressure at 20°C:** Not applicable.
- **Vapour density:** Not applicable.
- **Relative density:** Less than 1.
- **Solubility in / Miscibility with**
 - Water: Insoluble.
- **Partition coefficient (n-octanol/water):** Not applicable.
- **Auto-ignition temperature:** Not applicable.
- **Decomposition temperature:** Not available.
- **Viscosity:** Not applicable.

10 Stability and reactivity

- **Reactivity:** Not reactive.
- **Chemical stability:** Product is stable.
- **Possibility of hazardous reactions:** Not available.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Incompatible materials:** Not available.
- **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Primary irritant effect:**
 - **On the skin:** No irritant effect.
 - **On the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**

The product is no subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
- **Toxicokinetics, metabolism and distribution:** No further relevant information available.
- **Acute effect (acute toxicity, irritation and corrosivity):** No further relevant information available.
- **CMR effect (carcinogenicity, mutagenicity and toxicity for reproduction):** Not available.

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12 Ecological information

- **Eco-toxicity:** The product is not toxic.
- **Persistence and degradability:** The product is not biodegradable.
- **Bioaccumulative potential:** Floats on water. The product is not expected to bioaccumulate.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information**
 - **General notes:** None.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste disposal method**
 - **Recommendation:** Place in an appropriate disposal facility in compliance with local regulations.
- **Uncleaned packaging**
 - **Recommendation:** Disposal must be made according to official regulations.
 - **Recommend cleaning agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **UN number:** Not available.
- **UN proper shipping name:** Not available.
- **Transport hazard class(es):** Not available.
- **Packing group:** Not applicable.
- **Maritime transport IMDG:**
 - **IMDG Class:** Not available.
 - **Marine pollutant:** No.
- **Transport in bulk:** Not available.
- **Special precautions:** No additional remark.

15 Regulatory information

- **National regulations**
- **Other regulations, limitations and prohibitive regulations**
- **SVHC Candidates List of REACH Regulation Annex XIV Authorization**
 - None of the ingredients is listed.
- **REACH Regulation Annex XVII Restriction List**
 - None of the ingredients is listed.
- **REACH Regulation Annex XIV Authorization Recommendation List**
 - None of the ingredients is listed.

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16 Other information

- *The contents and format of this SDS are in according with REGULATION (EC) No. 1272/2008, (EC) 1907/2006, EU Commission Directive 1999/45/EC, 67/548/EC.*
- *Relevant Phases:
R10: Flammable
R11: Highly flammable
R20/22: Harmful by inhalation and if swallowed
R36: Irritating to eye
R37: Irritating to respiratory system

S7: Keep container tightly closed.
S16: Keep away from sources of ignition - "No Smoking".
S24: Avoid contact with skin.
S25: Avoid contact with eyes.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.*
- **DISCLAIMER OF LIABILITY**
The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in anyway connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component is another product, this SDS information may not be applicable.