



Material Safety Data Sheet

Section I : Identification of Product & Company

Model : Winkel Paint Marker
Ink Colour : Black, Blue, Red, White
Manufacturer's Name : Winkel GmbH
(ISO 9001:2015, ISO 14001 & OHSAS 18001 Certified)
Emergency Tel. No. : +49 2131 532 7115
Telephone No. : +49 2131 532 7116
Fax No. : +49 2131 532 7117
Address : Lisztstraße 1
53881 Euskirchen - Deutschland

Revision : 01

Section –II : Composition/ Information on Ingredients

Solvent Based ink
Plastic/ Metal component
Polyester Tip
Other Characteristics : for marking on metal, wood, ceramics, rubber etc.

Section –III : Hazardous Ingredients / Identity Information

Emergency overview : The paint inside the marker contains components which are flammable and Considered hazardous by inhalation of vapors, eye and skin contact, Exposure to hazardous or dangerous substance is not expected when Handling this product for its intended use .

Appearance, color and order : Marker containing less then 8 ml of various colored paint, Organic solvent Odor.

Potential Health Effects : ACUTE (Short Term)

Relevant Route(S) of Exposure: Skin contact

Inhalation : Exposure to hazardous substance by inhalation is not expected with normal Use of the marker.

Ingestion : Not an expected route of occupational exposure.

Skin : Normal use of marker will not result in harmful effects. The paint may cause Irritation when in contact with the skin .

Eye : Not an expected route of occupational exposure. Liquid and concentrated vapors can irritate the eyes.

CHRONIC (Long term) : Long term health effects are not expected with normal use of the marker. Prolonged or repeated contact of the paint to skin may result in defeating and

Approved By : Head QA	Issued By : Team QA	Issue No. 01
Date: 20 th September 2023	Date: 20 th September 2023	Revision 01



Material Safety Data Sheet

Medical conditions aggravated: Preexisting skin disorders may be aggravated by repeated exposure to the liquid by Exposure in the marker.

Interaction with other Chemicals : Not available

Potential Environmental Effects : Not available

Section- IV : First Aid

1. Acute	:	NO
2. Chronic	:	NO
Signs and symptoms of overexposure	:	N.A.
Medical condition generally aggravated by exposure	:	N.A.
Emergency and first aid procedure	:	N.A.

Section-V : Fire & Explosion Hazard Data

Flammable properties	: Paint contained within the markers is flammable.
Suitable extinguishing media	: For small fires, use water spray, dry chemical, Carbon dioxide, or alcohol-resistant foam. For large fires, use carbon dioxide, dry Chemical powder, alcohol resistant foam or Polymer foam, Firefighting foams are the extinguishing agent of choice for most Flammable liquid fires. use water spray to cool fire-exposed containers.
Unsuitable extinguishing media	: Not Applicable
Explosion Data	:
Sensitivity to Mechanical Impact	: Not Applicable
Sensitivity to Static Discharge	: Not Applicable
Protective Equipment and	: Self contained breathing apparatus and protective clothing Precautions for firefighters should be worn. Remove all unprotected personal.
Auto ignition Temp. (C)	: N.A.
List hazardous products decomposition	: ND .
Other advice	: None

Approved By : Head QA	Issued By : Team QA	Issue No. 01
Date: 20 th September 2023	Date: 20 th September 2023	Revision 01



Material Safety Data Sheet

Section-VI: Accidental Release Measures

Personal Precautions: If large volumes of liquid paint are released, wear protective gloves, goggles and clothing. Ventilate the area. Monitor the workplace air for harmful of vapors and take appropriate precautions if concentrations in air exceeds workplace exposure limits.

Method for containment : If large volume of liquid paint are released, stop the leak if it is safe to do so. Contain spilled paint with earth , sand or absorbent material which does not react with spilled material.

Method for clean-up : Clean up spills immediately, Shut off or extinguish all sources of ignition. Immediately soak spilled material with water. soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labeled containers. contaminated absorbent material may pose the same hazards as the spilled product. Dispose of any contaminated, unusable products as described in section 13 of this MSDS

Section-VII: Handling and Storage

Handling : Avoid breathing vapors, Do not use near sources of extreme heat, keep out of reach of children.

Storage : Store in cool & dry place, out of direct sunlight and away from heat, flames and ignition source. Keep markers closed when not in use.

Section-VIII: Exposure Controls & Special Protection

Exposure Guidelines : Measurable airborne concentration of the component substance, listed in Section 3 are not expected when the markers are used for their intended purpose. Consult local authority for acceptable exposure limits.

Exposure Controls : Not required for normal use,

Personal protection :

Eye : Not required for normal use. In case of accidental release of large quantity of paint, wear goggles.

Skin : Not required for normal use. In case of accidental release of large quantity of paint, wear gloves.

Respiratory Protection : Not required for normal use.

General Hygiene Measures : Avoid breathing vapors. Do not ingest. Avoid contact of the paint to skin and eyes. Keep out of reach of children.

Section –IX : Physical & Chemical Characteristics

Approved By : Head QA	Issued By : Team QA	Issue No. 01
Date: 20 th September 2023	Date: 20 th September 2023	Revision 01



Material Safety Data Sheet

Physical state : Solid, containing liquid paint	Partition co-efficient (n-octanol / water) : Not applicable
Appearance color : Cylindrical marker, Various colors Odour : Mild odor of organic solvent	pH : Not applicable
Solubility in water : Immiscible with water	Boiling Point : Not applicable
Viscosity : Not applicable	Flash Point : >21°C
Vapor density : Not applicable	Explosive Properties : Not applicable
Evaporation rate : Not applicable	Vapor pressure : Not applicable
Reactive Properties : Not applicable	Specific gravity : 0.9 - 1.1 kg/l

Section – X Stability & Reactivity

Chemical Stability : Stable at normal room temp.

Conditions to avoid : Do not use in conditions of extreme heat or near open flame.

Incompatible Materials : Incompatible with strong oxidizing agents.

Hazardous Decomposition Products : Not Applicable

Possibility of Hazardous Reactions : Not Applicable

Section – XI Toxicological Information / Health Hazards

Normal use of this product will not result in harmful effects. high concentrations of vapors may cause irritation to the eyes. Paint may cause irritation in contact with eyes & Skin..

Section – XII Ecological Composition

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways, sewers, contaminate soil or vegetation.

Section - XIII Disposal Considerations

Waste disposal methods : Dispose of in accordance with local state and federal laws and regulations.

Section - XIV Transport Information

Approved By : Head QA	Issued By : Team QA	Issue No. 01
Date: 20 th September 2023	Date: 20 th September 2023	Revision 01



Material Safety Data Sheet

Not classified as dangerous group

UN Number : Not Applicable

UN proper shipping name : Not Applicable

Transport hazard class(es) : ICAO/IATA Class, ICAO/IATA Subrisk, ERG CODE : Not Applicable

Section – XV Regulatory Information

All ingredients used to manufacture this product are listed on the TSCA inventory.

Section – XVI Other Information's

Relevant phrases

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

R10 Flammable.

R11 Highly flammable.

R36/38 Irritating to eyes and skin.

R51/53 Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

R67 Vapours may cause drowsiness and dizziness

The information is furnished without warranty, express or implied except that the accurate to the best knowledge of Luxor International (P.) Ltd. it related only to the specific material designated herein, and not relates to use in combination with any other material or process. Luxor international (P.) Ltd. assumes no legal responsibility for use or reliance upon this information.

Approved By : Head QA	Issued By : Team QA	Issue No. 01
Date: 20 th September 2023	Date: 20 th September 2023	Revision 01