

SAFETY DATA SHEET (SDS)



MA 4511 black

1: Product and Manufacturer Identification

Product Name : MA 4511 black
 Product Code / Other Names : ITA36186, ITA30013, ITA30011, ITA30016,
 Material Uses : Ink
 Manufacturer Name : Beifa Group Co., Ltd
 Street Address : NO.298 Jangnan Road (east)
 City, State, Province : Beilun, Ningbo, Zhejiang Province.
 Country & Post Code : China

Emergency Contacts : 86-574-5678-6533

2: Hazard(s) Identification

Physical State : Fluid
 Odor : Product specific
 WHMIS Status (Canada) : Not available
 Hazard Statements or Symbols : Not available
 OSHA/HCS Status (USA) :
 Hazard Statements or Symbols : Highly flammable liquid and vapor. Causes skin irritation. Causes serious eye damage. May cause an allergic skin reaction. Suspected of causing genetic defects.
 Emergency Overview : Not available
 Possible Routes of Entry : Not available

Potential Acute Health Effects

Inhalation : Not available
 Ingestion : Not available
 Skin Contact : Causes skin irritation. May cause an allergic skin reaction
 Eye Contact : Causes serious eye damage

Potential Chronic Health Effects

Chronic Effects : No chronic effects
 Carcinogenicity : Suspected of causing cancer
 Mutagenicity : No mutagenic effects
 Teratogenicity : No teratogenic effects
 Developmental Effects : No developmental effects
 Fertility Effects : No effects of fertility

Medical conditions aggravated by : Not available

Additional hazards not otherwise classified : Not available

3: Composition / Information on Ingredients

Ingredient Name or Description	CAS Number	%
ethanol	64-17-5	50-100%
1-Methoxy-2-propanol	107-98-2	10-25%
Phosphoric acid mono-bis-(2-ethylhexyl)-ester	12645-31-7	2.5-10%
C. I. Solvent Violet 8	84281-86-7	≤2.5%
C. I. Solvent Orange 3	495-54-5	≤2.5%
C. I. Solvent Blue 4: less than 0,1% Michler's Ketone	6786-83-0	≤1.0%

Additional Composition Details : No information available

4: First-aid Measures

Eye Contact : Rinse opened eye for several minutes under running water. If symptoms persist, then consult a doctor
 Skin Contact : Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water.
 Inhalation : In case of unconsciousness place patient stably in side position for transportation.
 Ingestion : If symptoms persists consult a doctor.
 Protection for First-aid Providers : No information available
 Notes to Physician : No information available

5: Fire-fighting Measures

Flammability of the Product : No information available

Extinguishing Media/Methods

Suitable : CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 Not Suitable : N/A

Special Exposure Hazards : No information available

Products of Combustion : No information available

Special Protective Equipment Needed for : No special measures required.

Special Remarks on Fire Hazards : No information available

Special Remarks on Explosion Hazards : No information available

6: Accidental Release Measures

Personal Precautions : Wear protective clothing and equipment. Keep unprotected persons away.

Protective Equipment : Wear protective clothing and equipment.

Environmental Precautions : Do not allow product to reach sewage system or any water course. Prevent seepage into sewage system, workpits and cellars. Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

Cleaning / Containing

Small Spill : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

Large Spill : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

7: Handling and Storage

Safe Handling Precautions : Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

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Safe Storage Precautions : Keep receptacle tightly sealed. Store in a cool location. Store in cool, dry conditions in well sealed receptacles.

8: Exposure Controls/Personal Protection

Ingredient Name/Description	Exposure Limits
N/A	N/A

Recommended Monitoring Procedures : Need to have monitoring at work place
 Engineering Measures : No information available
 Hygiene Measures : Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work.

Personal Protection

Respiratory : Use respiratory filter and protective device
 Hands : Wear protective gloves
 Eyes : Tightly sealed goggles
 Skin : No information available
 Environmental Exposure Controls : No information available

9: Physical and Chemical Properties

Physical State : Fluid
 Flash Point (°C and °F) : 13°C
 Auto-ignition Temperature (°C and °F) : Product is not selfigniting
 Flammable Limits : Not applicable
 Color : Black
 Odor : Product specific
 Odor Threshold : Not determined
 pH : 5.5 at 20°C
 Boiling/Condensing Point (°C and °F) : 78°C
 Melting/Freezing Point (°C and °F) : Undetermined
 Relative Density : Not determined
 Vapor Pressure : at 20°C 59 hpa(44 mm Hg)
 Vapor Density : Not determined
 Volatility : Not determined
 Evaporation Rate : Not determined
 Viscosity : Dynamic at 20°C 2.2mpas
 Pour Point (°C and °F) : Not determined
 Solubility : Fully miscible

10: Stability and Reactivity

Chemical Stability : No further relevant information available
 Hazardous Polymerization : No further relevant information available
 Materials to Avoid : No further relevant information available
 Hazardous Decomposition Products : No dangerous decomposition products known

11: Toxicological Information

Acute Toxicity

Product/Ingredient Name	Result	Species	Dose	Exposure
C. I. Solvent Blue 4: less than 0,1%	N/A	EC50/48h (Daphnie)	0.025 mg/l	N/A

Chronic Toxicity

Conclusion/Summary : No further relevant information available

Irritation/Corrosion

Conclusion/Summary : Irritant to skin and mucous membrane. Eye irritating effect.

Sensitizer

Conclusion/Summary : No sensitizing effects known

Carcinogenicity

Conclusion/Summary : No further relevant information available

Classification

Product/Ingredient Name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
N/A	N/A	N/A	N/A	N/A	N/A	N/A

Mutagenicity

Conclusion/Summary : No mutagenic effects

Teratogenicity

Conclusion/Summary : No teratogenic effects

Reproductive Toxicity

Conclusion/Summary : No reproductive toxic effects

12: Ecological Information*

Environmental Effects

Aquatic Ecotoxicity

Conclusion/Summary : Hazardous for water and harmful to aquatic organisms.

Biodegradability

Conclusion/Summary : No further relevant information available

Other Adverse Effects : No further relevant information available

13: Disposal Considerations*

Waste Disposal : Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.
 Additional References/Details : No further relevant information available

14: Transport Information*

Regulatory Information	UN #	Proper Shipping Name	Classes	PG	Label	Additional Information
TDG Classification	N/A	N/A	N/A	N/A	N/A	N/A
DOT Classification	UN1263	paint	3 Flammable liquids	II	3	N/A

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Special Precautions : Warning: Flammable liquids

15: Regulatory Information*

United States

HCS Classification : Not applicable

Canada

WHMIS Classification : Not applicable

International Regulations

Canada Inventory : Not applicable

United States Inventory (TSCA 8b) : All of the ingredients are listed

Europe Inventory : Not applicable

Additional Regulatory Statements : Not applicable

16: Other Information

Hazardous Material Information System (United States) : Health: 1 Fire: 3 Reactivity: 0

National Fire Protection Association : Health: 1 Fire: 3 Reactivity: 0

Additional References : N/A

Date of Original Issue : N/A

Date of Current Revision : 05-11-2015

Name of Responsible Party : Beifa

Contact for Copies of SDS : N/A

Additional Comments/Notices : N/A