



that was easy.™

Staples Europe BV
HOOGOORDDREEF62
1101 BE AMSTERDAM
THE NETHERLANDS
MSDSUK@Staples.eu

Tel: 00800 5000 3000

Emergency tel: 00800 5000 3000 (0900-1700)

MSDS #: MSDS (ITEM # 17655)

MATERIAL SAFETY DATA SHEET

According to 91/155 EEC

SECTION 1: PRODUCT IDENTIFICATION

Product: CD MARKER BULLET TIP 0.5 1MM BLACK 10PK PAPER BOX

MSDS CODE: [ITEM #17655]

Ink: Dokumental, MA 4511 Black

DATE ISSUED: 2011-7-22

SECTION 2: HAZARDS IDENTIFICATION

Hazard description:



Xi Irritant F Flammable

Information concerning particular hazards for human and environment:

The product has to be labeled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 11 Highly flammable.

R 68 Possible risk of irreversible effects.

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Classification system:

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS









Chemical characterization

Mixture of the following substances, containing non-hazardous substances and coloring agents.

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

Name	CAS#	Conc.	R-phrase
------	------	-------	----------

Ethanol	64-17-5	50-100%	 F; R 11
Ethylhexyl phosphoric acid ester	90506-69-7	<= 2.5%	 C,  Xn; R 22-34
C. I. Solvent Black 7	8005-02-5	<= 2.5%	 Xn; R 48/20/21/22
C. I. Solvent Orange 3	495-54-5	<= 2.5%	 Xn;  Xi,  N; R N; R 22-38-68-50/53
1-Methoxy-2-propanol	107-98-2	10-25%	 F; R 10

Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: FIRST AID MEASURES

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Generally the product does not irritate the skin.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: If symptoms persist consult doctor.

SECTION 5: FIRE FIGHTING MEASURES

Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents:

Water

Water with full jet

Protective equipment: No special measures required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protection:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/ surface or ground water.

Measures for cleaning/collecting:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

SECTION 7: HANDLING AND STORAGE

Handling:

Information for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Storage:

Requirements to be met by storerooms and receptacles: Store in a cool location.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical facilities: No further data; see item 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: The lists valid during the making were used as basis.

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



- Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- Eye protection:



Tightly sealed goggles

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form: Fluid

Color: According to product specification

Odor: Characteristic

Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: 78°C

Flash point: 13°C

Ignition temperature: 287°C

Self-igniting: Product is not self-igniting.

Danger of explosion: Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

Explosion limits:

Lower: 1.7 Vol %

Upper: 15.0Vol %

Vapor pressure at 20°C: 59 hPa

Density at 20°C: Not determined.

Solubility in / Miscibility with water: Not miscible or difficult to mix.

Viscosity:

Dynamic at 20°C: 2 mPas

Solvent content:

Organic solvents: 67,2 %

Solids content: 4,1 %

SECTION 10: STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions No dangerous reactions known.

Dangerous decomposition products: No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

Primary irritant effect:

on the skin: No irritant effect.

on the eye: Strong irritant with the danger of severe eye injury.

Sensitization: No sensitizing effects known.

Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological effects:

Remark: Harmful to fish

General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drink water if even small quantities leaks into the ground.

Harmful to aquatic organisms

SECTION 13: DISPOSAL CONSIDERATIONS

Product:

Recommendation

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION

Land transport ADR/RID (cross-border)



- **ADR/RID class:** 3 (F1) Flammable liquids.
- **Danger code (Kemler):** 33
- **UN-Number:** 1263
- **Packaging group:** II
- **Hazard label:** 3
- **Description of goods:** 1263 FARBE, (Dampfdruck bei 50°C höchstens 110 kPa)
- **Maritime transport IMDG:**



- **IMDG Class:** 3
- **UN Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **EMS Number:** F-E, S-E
- **Marine pollutant:** No
- **Proper shipping name:** PAINT

- **Air transport ICAO-TI and IATA-DGR:**



- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1263
- **Label:** 3
- **Packaging group:** II
- **Proper shipping name:** PAINT

SECTION 15: REGULATORY INFORMATION

Labeling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

Code letter and hazard designation of product:



Xn Harmful



F Highly flammable

Hazard-determining components of labeling:

C. I. Solvent Orange 3

Risk phrases:

R11 Highly flammable.

R68 Possible risk of irreversible effects.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.
S36/37 Wear suitable protective clothing and gloves.
S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

SECTION 16: OTHER INFORMATION

All information contained in this Material Safety Data Sheet is provided to the best of the knowledge. No warranty is made with respect to this information, expressed or implied, including warranties of merchantability or fitness for a particular purpose. Users are responsible for verifying the information under their own operating conditions to determine whether the products listed in the MSDS are suitable for their intended use. The information contained herein is confidential, intended solely for the user's internal use and may not be provided to any third parties. Users are responsible for compliance with all laws and regulations as may be required by their receipt of the information and use of the products provided with this MSDS.

This safety data sheet was prepared in accordance with Council Directive 67/548/EEC and its subsequent amendments, and Commission Directive 91/155 EEC