

Date 20th Feb 2019

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MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**NAME : HORSE TWIN PERMANENT MARKER PEN SINGLE COLOR AND TWO COLORS :
 BLUE, BLACK, RED, GREEN, LIGHT GREEN, YELLOW, PINK, ORANGE,
 DARK BROWN, LIGHT BROWN, PURPLE, LIGHT BLUE
 (H-40, H-41, H-44, H-66, H-88, H-42 SCRIBIE, TWIN PERMANENT MARKER BOX
 OF 12 COLOURS) AND REFILL INK (ALL COLOURS AS MENTIONED ABOVE)
 ARROW TWIN PERMANENT MARKER PEN SINGLE COLOR (ALL COLOURS AS
 OF HORSE BRAND MENTIONED ABOVE)**

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION	CAS NO.	%
Ethanol	64-17-5	70-85
Dyestuffs, Additive	Blend	15-30

SECTION 3 HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

May be irritating to respiratory tract, skin and eyes. This Product is not rapidly ignitable

Use only with adequate ventilation.

Wash after handling.

SECTION 4 FIRST AID MEASURES

Eyes : Flush eye with flowing water until no evidence of chemical remains (at least 15 minutes)

Skin : Remove any contaminated clothing. wash with isopropyl rubbing alcohol and flowing water for 15 minutes. If irritation continues consult a physician.

Inhalation : Remove from exposure in severe cases obtain medical attention.

Ingestion : Do not induce vomiting. Obtain medical attention.

SECTION 5 FIRE FIGHTING MEASURES

Flash point : 12.8 °C

Flammable Limits LEL 3.3 %

UEL 19 %

Auto ignition temperature : 689 °F

Material to avoid strong oxidizing agents

Hazardous decomposition products carbon monoxide can form on complete combustion.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Person related safety precautions : Not required.

Step to be taken if material is released or spilled : can be cleaned with alcohol.

SECTION 7 HANDLING AND STORAGE

Keep container closed.

Keep away from heat and flame.

Accidental contact should be clean with alcohol and then water immediately.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment

Respiratory protection : Not required

Eye protection : Safety glasses recommended during refilling.

Skin : Not required.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Boiling point : > 78 °C

Specific gravity : 0.825 - 0.870

Solubility in water : Soluble

Appearance : Colored liquid.

Odor : Characteristic odour

Colour : According to product specification.

Flash point : 12.8 °C

SECTION 10 STABILITY AND REACTIVITY

Normally a stable product.decomposition products generated at high temperatures.react strongly with oxidisers.

SECTION 11 TOXICOLOGICAL INFORMATION

Ethanol and other content may cause liver and kidney damage if abused.

SECTION 12 ECOLOGICAL INFORMATION

Slightly hazardous for water.Do not allow undiluted product or large quantities of it to reach ground water,bodies or sewage system.

SECTION 13 DISPOSAL CONSIDERATIONS

Burn or bury in accordance with local regulations " SPECIAL"waste empty containers are to be treated as hazardous and not to be reused.

SECTION 14 TRANSPORT INFORMATION

No unusual transport.

SECTION 15 REGULATORY INFORMATION

No data available.

SECTION 16 OTHER INFORMATION

No data available.