

MATERIAL SAFETY DATA SHEET

Quadra Clear Ink

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION, REVISION NUMBER AND DATE

Supplier: MacDermid Autotype Inc.
701 Industrial Drive
Middletown, DE 19709

Emergency Telephone 800- 424-9300
Telephone 847-818-8262

Product Name : Quadra Clear Ink

Product Code : MDSCNS162 MAI part# 26328

* = Variable pack type & size codes

Revision No : C, revised date from rev. B

Date : 05/10

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Chemical Name

% CAS Number EEC No Hazard Symbol Risk Phrases

2-(2-Butoxyethoxy) Ethanol < 5 112-34-5 203-961-6 St Andrews Cross R36

Isopropyl Alcohol < 5 67-63-0 200-661-7 Flame & St Andrews Cross R11, 36, 67

R11 = Highly Flammable; R36 = Irritating to the eyes; R67 = Vapors may cause drowsiness and dizziness.

The remaining ingredients, do not present a health hazard within the meaning of the EC/ CHIP regulations.

3. HAZARDOUS IDENTIFICATION

Classification (CHIP) : None required

Main Health Hazards : Not expected to present any hazards to health under normal conditions of anticipated use.

4. FIRST AID

Inhalation : N/A

Skin Contact : Wash from skin using soap and water.

Eye Contact : Flush thoroughly with water. If soreness or redness persists, seek medical attention.

Ingestion : DO NOT induce vomiting, encourage casualty to drink water. Seek medical advice.

Do not use :

5. FIRE FIGHTING MEASURES

Flammability : Product is non flammable.

Combustion products : None known.

Extinguishing media : In the event of a fire use CO₂, Foam, Dry Powder, or Vapourising Liquid.

Do not use :

Measures :

6. ACCIDENTAL RELEASE MEASURE

Mop or soak up spillage's in absorbent material. Dispose of in accordance with Local Authority Regulations.

7. HANDLING AND STORAGE

Handling : Avoid prolonged skin contact. Wear gloves and safety glasses if splashing is likely.

Fire Prevention : Not applicable

Storage : Normal cool warehouse conditions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : Not essential.

Eye and Skin protection : Wear safety glasses and gloves if splashing is likely.

OCCUPATIONAL EXPOSURE LIMITS :

Substance listed Long term (8 Hrs) Short term (10 min)

in EH40/-- ppm mg/m³ ppm mg/m³

2-(2-Butoxyethoxy)Ethanol Not assigned by HSE (1) or ACGIH (2)

Iso Propyl Alcohol 400 999 500 1250

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : Colorless liquid pH : Approx. 7

Flashpoint : > 100° C Melting Point : N/A

Vapor Pressure : N/A Vapor Density :

Solubility in Water : Completely miscible in water Density : Approx. 1.0

Autoignition Point : N/A Explosive Limits: N/A

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10. STABILITY AND REACTIVITY

Chemical reactivity : Stable

Decomposition products : None

Materials / conditions to avoid : None

11. TOXICOLOGICAL INFORMATION

Acute toxicity LD₅₀ : Acute / oral / rat : > 5000mg/kg

12. ECOLOGICAL INFORMATION

2-(2-Butoxyethoxy)Ethanol: LC₅₀/48h/Leuciscus idus = 1805-2304mg/l

Iso Propyl Alcohol: EC₅₀/24h/Daphnia = > 1000mg/l LC₅₀/96h/Fathead minnow = 9600mg/l

Product not investigated. No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

13. DISPOSAL CONSIDERATIONS

Consult Local Authority for regulations regarding waste disposal

14. TRANSPORT REGULATIONS

Proper shipping name : Not applicable Packing group : Not applicable

UN Number : Not applicable IMDG class : Not applicable

IMDG code : Not applicable RID/ADR : Not applicable

ICAO/IATA class : Not applicable Hazard warning sign : Not applicable

Marine pollutant :

15. REGULATORY INFORMATION

CHIP labelling - Symbol : None Req'd Hazard : None Contains :

Other suggested labelling : None

16. OTHER INFORMATION

This safety data sheet has been updated to comply with CHIP regulations. The information is based solely on the data provided by the suppliers of the materials used and/or recognised technical sources, not on the mixture itself and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.