

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31



Revision number	2
Revision date	15 th February 2022
Supersedes date	February 2008
SDS number	SDS5177

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product name	Specialist Crafts Water-Based Paper & Board Inks
Product Code(s)	P994A... All Variants P994S
Other Details	Screen Printing Ink

1.2 Relevant identified uses of the substance or mixture and uses advised against

Uses advised against	The product should not be used for any purpose other than that specified in Section 1.
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1.3 Details of the supplier of the safety data sheet

Supplier	Specialist Crafts Ltd Hamilton House Mountain Road Leicester LE4 9HQ United Kingdom Email purchasing@specialistcrafts.com Telephone +44 (0)116 269 7711
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1.4 Emergency telephone number

Emergency telephone	+44 (0)116 269 7711 This telephone number is available during office hours only, 09:00 to 17:00 GMT, Monday to Friday, excluding UK bank holidays and weekends. Language English
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SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification	The product is not classified, according to the CLP regulation (EC) No 1272/2008
Physical Hazards	No further information.
Health Hazards	No further information.
Environmental Hazards	No further information.

2.2 Label Elements

Hazard Statements	Void
Signal Word	Void
EU Specific Hazard Statements	No further information.
Precautionary Statements	P280 Wear protective gloves / protective clothing.

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

Other information

Contains mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

2.3 Other Hazards

Other Hazards

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Substances

Substances

Mixture of substances listed below with non-hazardous additions.

Dangerous components:

CAS: 105-59-9 2,2'-(methylimino)diethanol 1-5%

EINECS: 203-312-7 Eye Irrit. 2, H319

Reg.nr.: 01-2119488970-24

For the wording of the listed hazard phrases refer to section 16.

3.2 Mixtures

Mixtures

No further information.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Advice

Never make an unconscious person vomit or drink fluids. Immediately remove any clothing soiled by the product.

Inhalation

Supply fresh air. If required, provide artificial respiration. Keep patient warm.

Seek medical treatment in case of complaints.

Skin Contact

Immediately wash with soap and water and rinse thoroughly. If skin irritation continues, consult a doctor.

Eye Contact

Rinse open eye for several minutes under running water. Then consult a doctor.

Ingestion

Rinse out mouth and then drink plenty of water. If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

General Advice

No further information.

Symptoms

No further relevant information available.

Effects

No further relevant information available.

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

No further information.

Specific Treatments

No further relevant information available.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Extinguishing Media

Water with full jet.

5.2 Specific Hazards arising from the substance or mixture

Specific Hazards arising from the chemical

Carbon monoxide (CO) Under certain fire conditions, traces of other toxic gases cannot be excluded.

Hazardous combustion products

No further information.

5.3 Advice for fire fighters

Protective actions during firefighting

Wear self-contained breathing apparatus.

Special protective equipment for fire fighters

Cool endangered containers with water spray. Collect contaminated firefighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions



Other information

Keep away from ignition sources. Refer to the protective measures stated in Sections 7 and 8. Keep unprotected personnel away. Ensure adequate ventilation.

For emergency responders

No further information.

6.2 Environmental precautions

Environmental precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities if seepage into water course or sewage system occurs. Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Methods of containment

See below.

Methods of cleaning up

Absorb with liquid-binding material (sand, diatomaceous earth, acid binders, universal binders, sawdust). Dispose

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

of contaminated material as waste according to section 13.

6.4 Reference to other sections Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling Advice on safe handling

Store in cool, dry place in tightly sealed containers. Keep away from heat and direct sunlight.

General hygiene considerations

No further information.

7.2 Conditions for safe storage, including and incompatibilities

Storage conditions

Store in accordance with current national regulations.
Store between 5 - 30°C.
Do not store together with alkalis (caustic solutions). Do not store together with oxidising and acidic materials.

Storage Class

No further information.

7.3 Specific End Use(s)

Risk management methods

No further relevant information available.

Other information

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

No components with limit values.
The instructions and information provided by the manufacturer of the personal protective equipment on use, storage, maintenance and replacement must always be followed.

8.2 Exposure controls

Protective equipment

Protective work clothing; disposable overalls are preferable.
Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work. Store protective clothing separately. Avoid contact with the eyes and skin. Keep away from foodstuffs, beverages and feed.

COSHH Essentials for Printers Control Guidance Sheet:
Guidance is provided by the Health and Safety executive (HSE) concerning COSHH (Control of Substances Hazardous to Health) for printers.

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

Appropriate engineering controls

Eye/Face Protection

Hand protection

See COSHH Essentials for Printers on the HSE website: www.hse.gov.uk and enter 'COSHH Essentials for printers' in the search bar.

No further information.

Safety glasses.

Use of the following recommended:

Type: Preparation

Rubber

Single Use: X

Multi Use: Y

Heavy Duty (Gauntlets): X

Nitrile

Single Use: X

Multi Use: Y

Neoprene Heavy Duty (Gauntlets): X

Type: Print Shop Solvent Inks

Rubber

Single Use: Y

Multi Use: Y

Heavy Duty (Gauntlets): Y

Nitrile

Single Use: Y

Multi Use: Y

Neoprene Heavy Duty (Gauntlets): Y

Type: Print Shop UV Inks

Rubber

Single Use: X

Multi Use: X

Heavy Duty (Gauntlets): X

Nitrile

Single Use: Y

Multi Use: Y

Neoprene Heavy Duty (Gauntlets): Y

Type: Reclaim

Rubber

Single Use: X

Multi Use: X

Heavy Duty (Gauntlets): Y

Nitrile

Single Use: X

Multi Use: X

Neoprene Heavy Duty (Gauntlets): Y

Y = recommended X = not recommended

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

Respiratory Protection
Environmental Exposure
Controls

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. The selection of single or multi-use gloves is dependent upon the level of exposure. The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance. Always ensure that gloves are free from defects and that they are stored and used correctly. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Penetration time of glove material
The exact break through time has to be obtained from the manufacturer of the protective gloves and must be observed.

Not necessary if room is well-ventilated.

No further information.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Fluid.
Odour	Characteristic.
Odour threshold	Not determined.
pH	Not applicable.
Melting/freezing point	Undetermined
Initial boiling point and boiling range	100 °C
Flash point	Not applicable.
Evaporation rate	Not determined.
Flammability (solid; gas)	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	At 20°C: 0.95 g/cm ³
Solubility(ies)	Fully miscible.
Partition coefficient	Not determined.
Auto-ignition temperature	Product is not self-igniting.
Decomposition temperature	Not determined.
Viscosity	Dynamic: Not determined. Kinematic: Not determined.
Explosive properties	Product does not present an explosion hazard.
Oxidising properties	Not determined.

9.2 Other information

Other information	Organic solvents: 0.00%
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SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

SECTION 10: Exposure controls/personal protection

10.1	Stability and Reactivity Stability and reactivity	No further relevant information available.
10.2	Chemical Stability Chemical Stability	No decomposition if used according to specifications.
10.3	Possibility of hazardous reactions Possibility of hazardous reactions	No dangerous reactions known.
10.4	Conditions to avoid Conditions to avoid	No further relevant information available.
10.5	Incompatible materials Incompatible materials	No further relevant information available.
10.6	Hazardous decomposition products Hazardous decomposition products	No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1	Information on toxicological effects	
	Acute toxicity	Based on available data, the classification criteria are not met. LD/LC50 values that are relevant for classification: 105-59-9 2,2'-(methylimino)diethanol Oral LD50 4,780 mg/kg (rat) Dermal LD50 6,220 mg/kg (Rabbit)
	Skin corrosion/irritation	Based on available data, the classification criteria are not met.
	Serious eye damage/irritation	Based on available data, the classification criteria are not met.
	Skin sensitisation	Based on available data, the classification criteria are not met.
	Respiratory sensitisation	Based on available data, the classification criteria are not met.
	Germ cell mutagenicity	Based on available data, the classification criteria are not met.
	Carcinogenicity	Based on available data, the classification criteria are not met.
	Reproductive toxicity	Based on available data, the classification criteria are not met.
	Aspiration hazard	Based on available data, the classification criteria are not met.
	Specific Target Organ Toxicity (Single and Repeated Exposure)	

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Information on likely routes of exposure	
Inhalation	No further information.
Skin contact	No further information.
Eye contact	No further information.
Ingestion	No further information.
Symptoms related to the physical, chemical and toxicological characteristics	No further information.

SECTION 12: Ecological information

12.1 Toxicity Toxicity	Aquatic toxicity: 105-59-9 2,2'-(methylimino)diethanol LC50/96 h 1,466 mg/l (Golden Orfe) (Static Test) EC50/48 h 230 mg/l (Daphnia)
12.2 Persistence and degradability Persistence and degradability	No further relevant information available.
12.3 Bioaccumulative potential Bioaccumulative potential	No further relevant information available.
12.4 Mobility in soil Mobility in soil	No further relevant information available. Additional ecological information: General notes: There are no data on the preparation itself. The preparation has been assessed following the conventional method of the CLP Directive 1272/2008/EC and is not classified as dangerous for the environment. Do not allow undiluted product to reach ground water, water course or sewage system. The product is processed using water and diluted product should only ever be discharged to a sewer. Permission for such discharge needs to be obtained from the local enforcing authority. Enforcers may impose restrictions on the concentrations that can be discharged.
12.5 Results of PBT and vPvB assessment Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

12.6 Other adverse effects

Other adverse effects

No further relevant information available.

SECTION 13: Disposal Conditions

13.1 General Information

General Information

Recommendation

Small amounts may be diluted with plenty of water and washed away. Dispose of larger amounts in accordance with Local Authority requirements.

13.2 Disposal Methods

Disposal Methods

Dispose of product according to official regulations.

13.3 Waste Class

Waste Class

08 03 13 – waste ink other than those mentioned in 08 03 12

SECTION 14: Transport Information

General Information

Generally for limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

Road transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Sea transport notes refer to the Dangerous Goods List for information on any Special Provisions 216.

Air transport notes refer to the Dangerous Goods List for information on any Special Provisions A46.

14.1 UN Number

UN No. (ADR/RID)

Void.

UN No. (IMDG)

UN No. (IATA)

UN No. (ADN)

14.2 UN proper shipping name

UN Proper shipping name (ADR/RID)

Not classified.

UN Proper Shipping Name (IMDG)

UN Proper Shipping Name (IATA)

UN Proper Shipping Name (ADN)

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

14.3	Transport Hazard Class(es) ADR/RID class ADR/RID classification code ADR/RID label IMDG class 4.1 ICAO class/division ADN class Transport labels	<table border="1"><tr><td>Not classified.</td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr></table>	Not classified.						
Not classified.									
14.4	Packing Group ADR/RID Packing Group IMDG Packing Group IATA Packing Group ADN Packing Group	<table border="1"><tr><td>Not classified.</td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr></table>	Not classified.						
Not classified.									
14.5	Environmental Hazards Environmentally hazardous substance/marine pollutant Other Environmental Hazards	<table border="1"><tr><td>Not classified.</td></tr><tr><td></td></tr></table>	Not classified.						
Not classified.									
14.6	Special Precautions for User General Special Precautions EmS ADR transport category Emergency Action Code Hazard Identification Number Tunnel Restriction Code	<table border="1"><tr><td>Not classified.</td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr><tr><td></td></tr></table>	Not classified.						
Not classified.									
14.7	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	<table border="1"><tr><td>Not classified.</td></tr></table>	Not classified.						
Not classified.									

SECTION 15: Regulatory information

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture National Regulations EU Regulations	<table border="1"><tr><td>No further information.</td></tr><tr><td>Directive 2012/18/EU Named dangerous substances - ANNEX I None of the ingredients is listed.</td></tr></table>	No further information.	Directive 2012/18/EU Named dangerous substances - ANNEX I None of the ingredients is listed.
No further information.				
Directive 2012/18/EU Named dangerous substances - ANNEX I None of the ingredients is listed.				
15.2	Chemical Safety Assessment Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. Chemical Safety Assessment	<table border="1"><tr><td>Chemical Safety Assessment not applicable.</td></tr></table>	Chemical Safety Assessment not applicable.	
Chemical Safety Assessment not applicable.				

SAFETY DATA SHEET

According to regulation (EC) 1907/2006/EC Article 31

SECTION 16: Other information

16.1 Hazard statements in full

Relevant phrases H319 Causes serious eye irritation.
Recommended restriction of use The product should not be used for any purpose other than that specified in Section 1.
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association (IATA Dangerous Goods Regulation (DGR) 59th Edition 2018) GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived No-Effect Level (REACH) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

16.2 Disclaimer

The information presented herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm, in advance of need, that the information is current, applicable, and suitable to their circumstances.

16.3 Revisions

Please note the revision information on page 1 of this document, indicating the last revision date of this data, the revision number and the date this revision supersedes

16.4 References

Suppliers and manufacturers safety data sheets

16.5 Abbreviations and acronyms

Please contact us, in advance of need, should you require clarification of common abbreviations or acronyms used in this safety data sheet

END OF SAFETY DATA SHEET