

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006



Revision number	2
Revision date	25 th May 2021
Supersedes date	June 2012
SDS number	SDS5020B

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

- 1.1 Product Identifier
- | | |
|------------------------|---------------------------------------------------------------------------------------|
| Product name | Photo Stencil Emulsion Kit – Part B Sensitiser |
| Product Code(s) | P550 Part 2 of 2 |
| Other Details | H Type Sensitiser
Identified uses;
Printing ink related material; Printing ink. |
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- | | |
|-----------------------------|-----------------|
| Uses advised against | Not applicable. |
|-----------------------------|-----------------|
- 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 |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
- 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 |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 2: Hazards Identification

- 2.1 Classification of the substance or mixture
- | | |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Classification | Mono-constituent substance
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Eye Irrit. 2, H319
See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms. |
| Physical Hazards | No further information. |
| Health Hazards | No further information. |
| Environmental Hazards | No further information. |

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2.2 Label Elements

Hazard Statements

Signal Word

Causes serious eye irritation.

Warning



EU Specific Hazard Statements

Precautionary Statements

No further information.

Prevention

Wear eye or face protection. Wash hands thoroughly after handling.

Response

IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. If eye irritation persists: Get medical attention.

Storage

Not applicable.

Disposal

Not applicable.

Hazardous ingredients

H Type Sensitiser

Supplemental label elements

Not applicable.

Other information

No further information.

2.3 Other Hazards

Other Hazards

None Known.

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SECTION 3: Composition/information on ingredients

3.1 Substances Substances

No further information.

3.2 Mixtures Mixtures

See below

Chemical name	Identifiers	%	Classification (Regulation (EC) No. 1272/2008 (CLP))	Type (1).
Benzenediazonium, 4-(phenylamino)-, phosphate (1:1), polymer with formaldehyde	CAS: 71550-45-3	>80	Eye Irrit. 2, H319 See Section 16 for the full text of the H statements declared above.	[A]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

Type

[A] Constituent

[B] Impurity

[C] Stabilising additive

Occupational exposure limits, if available, are listed in Section 8.

SECTION 4: First Aid Measures

4.1 Description of first aid measures

General Advice

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Inhalation

Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

Skin Contact

Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

Eye Contact

Check for and remove any contact lenses. Immediately flush eyes with room temperature water for at least 15

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Ingestion	minutes, keeping eyelids open. In case of accidental eye contact, avoid concurrent exposure to the sun or other sources of UV light which may increase the sensitivity of the eyes.
	If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

General Advice	There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non- allergic contact dermatitis and absorption through the skin. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. Fine dust clouds may form explosive mixtures with air.
Symptoms	No further information.
Effects	No further information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Specific Treatments	No specific treatment.

SECTION 5: Fire Fighting Measures

5.1 Extinguishing Media	
Suitable Extinguishing Media	Use dry chemical, CO ₂ , water spray (fog) or foam.
Unsuitable Extinguishing Media	Do not use water jet.
5.2 Specific Hazards arising from the substance or mixture	
Specific Hazards arising from the chemical	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Fine dust clouds may form explosive mixtures with air.
Hazardous combustion products	Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.
5.3 Advice for fire fighters	
Protective actions during firefighting	Cool closed containers exposed to fire with water. Do not release runoff from fire to drains or watercourses.
Special protective equipment for fire fighters	Appropriate breathing apparatus may be required.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Exclude sources of ignition and ventilate the area. Avoid breathing vapour or mist.

Refer to protective measures listed in sections 7 and 8.

Other information

No further information.

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2 Environmental precautions

Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

Methods of containment

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Preferably clean with a detergent. Avoid using solvents.

Methods of cleaning up

No further information.

6.4 Reference to other sections

Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advice on safe handling

Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.

To dissipate static electricity during transfer, earth drum and connect to receiving container with bonding strap. Operators should wear antistatic footwear and clothing and floors should be of the conducting type.

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General hygiene considerations	<p>Keep container tightly closed. Keep away from heat, sparks and flame. No sparking tools should be used. Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.</p> <p>Put on appropriate personal protective equipment (see Section 8). Never use pressure to empty. Container is not a pressure vessel.</p> <p>Always keep in containers made from the same material as the original one.</p> <p>Comply with the health and safety at work laws.</p>
7.2 Conditions for safe storage, including and incompatibilities	
Storage conditions	<p>Store in accordance with local regulations.</p> <p>Notes on joint storage Keep away from: oxidising agents, strong alkalis, strong acids.</p> <p>Additional information on storage conditions Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking.</p> <p>Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.</p>
Storage Class	No further information
7.3 Specific End Use(s)	
Risk management methods	No further information.
Other information	No further information.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters	
Workplace exposure limits	<p>If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042</p>

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(Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

No DEL's available.

No PEC's available.

8.2 Exposure controls

Protective equipment

Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres.

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Appropriate engineering controls

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Eye/Face Protection

Use safety eyewear designed to protect against splash of liquids.

Hand protection

Wear suitable gloves tested to EN374. There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

Gloves

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

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Respiratory Protection

Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.

If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

Environmental Exposure Controls

Do not allow to enter drains or watercourses.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Solid

Odour

Mild

Odour threshold

Not applicable.

pH

>2 [Conc. (% w/w): 10%]

Melting/freezing point

Not applicable.

Initial boiling point and boiling range

No further information.

Flash point

Not applicable.

Evaporation rate

Not tested.

Flammability (solid; gas)

No further information.

Upper/lower flammability or explosive limits

No further information.

Vapour pressure

Not tested.

Vapour density

Not tested.

Relative density

Not tested.

Solubility(ies)

Not tested.

Partition coefficient

Not applicable.

Auto-ignition temperature

Not applicable.

Decomposition temperature

Not applicable.

Viscosity

Not tested.

Explosive properties

Not applicable.

Oxidising properties

Not applicable.

9.2 Other information

Other information

No additional information.

SECTION 10: Exposure controls/personal protection

10.1 Stability and Reactivity

Stability and reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical Stability

Chemical Stability

Stable under recommended storage and handling conditions (see Section 7).

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10.3	Possibility of hazardous reactions Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4	Conditions to avoid Conditions to avoid	When exposed to high temperatures may produce hazardous decomposition products.
10.5	Incompatible materials Incompatible materials	Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
10.6	Hazardous decomposition products Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1	Information on toxicological effects	
	Acute toxicity	There are no data available on the mixture itself. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. Fine dust clouds may form explosive mixtures with air.
	Skin corrosion/irritation	Not determined - Classification according to Regulation (EC) No. 1272/2008 [CLP/ GHS]
	Serious eye damage/irritation	Not determined - Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
	Skin sensitisation	Not determined - Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
	Respiratory sensitisation	No further information.
	Germ cell mutagenicity	Not applicable.
	Carcinogenicity	Not applicable.
	Reproductive toxicity	Not determined - Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
	Aspiration hazard	Not determined - Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
	STOT - single exposure	Not determined - Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

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STOT - repeated exposure

Not determined - Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

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

Symptoms related to the physical, chemical and toxicological characteristics

No further information.

SECTION 12: Ecological information

12.1	Toxicity Toxicity	There are no data available on the mixture itself. Do not allow to enter drains or watercourses. The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended. Not available.
12.2	Persistence and degradability Persistence and degradability	Not available.
12.3	Bioaccumulative potential Bioaccumulative potential	Not available.
12.4	Mobility in soil Mobility in soil	Not available.
12.5	Results of PBT and vPvB assessment Results of PBT and vPvB assessment	PBT – No vPvB – Not available.
12.6	Other adverse effects Other adverse effects	No known significant effects or critical hazards.

SECTION 13: Disposal Conditions

13.1	General Information General Information	Do not allow to enter drains or watercourses. Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.
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For further information, contact your local waste authority.

13.2 Disposal Methods Disposal Methods

Product

The generation of waste should be avoided or minimised wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non- recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Packaging

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special Precautions

This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

13.3 Waste Class Waste Class

No further information.

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) UN No. (IMDG) UN No. (ICAO)

Not regulated.

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UN No. (ADN)	
14.2 UN proper shipping name UN Proper shipping name (ADR/RID) UN Proper Shipping Name (IMDG) UN Proper Shipping Name (ICAO) UN Proper Shipping Name (ADN)	Not applicable.
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	Not applicable.
14.4 Packing Group ADR/RID Packing Group IMDG Packing Group ICAO Packing Group ADN Packing Group	Not applicable.
14.5 Environmental Hazards Environmentally hazardous substance/marine pollutant Other Environmental Hazards	Not applicable.
14.6 Special Precautions for User General Special Precautions EmS ADR transport category Emergency Action Code Hazard Identification Number Tunnel Restriction Code	Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.
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	Not available.

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SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National Regulations

EU Regulations

No further information.

Industrial use

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.

- 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

This product contains substances for which Chemical Safety Assessments are still to be received.

SECTION 16: Other information

- 16.1 Hazard statements in full

	<p>Abbreviations and acronyms ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement PNEC = Predicted No Effect Concentration RRN = REACH Registration Number</p> <p>Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]</p> <table><tr><td>Classification</td><td>Justification</td></tr><tr><td>Eye Irrit. 2, H319</td><td>Calculation method</td></tr></table> <p>Full text of abbreviated H statements H319 Causes serious eye irritation.</p> <p>Full text of classifications [CLP/GHS] Eye Irrit. 2, H319 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2</p>	Classification	Justification	Eye Irrit. 2, H319	Calculation method
Classification	Justification				
Eye Irrit. 2, H319	Calculation method				

- 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.

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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