

Early StART Stamp & Colour Sets

1. Product Identifier & Identity for the Chemical

Product name	Early StART Stamp & Colour Set – Barnyard, Min Pets, Mini Under the Sea
Product codes	EGSSTAMP03, EGSSTAMP04, EGSSTAMP05
Recommended use	Art and Craft
Restrictions on use	Not suitable for age < 3 years
Date issued	3rd July 2020
Company name	Micador Australia Pty Ltd
ABN	98 004 509 880
Address	4/132 Bangholme Road, Dandenong South, VIC 3175
Emergency phone	03 8788 1800 (Monday – Friday from 9am – 5pm)
Phone	03 8788 1800
Fax	03 8788 1810
Email	safety@micador.com.au

Poisons Information Centre

AUSTRALIA	13 11 26
NEW ZEALAND	0800 764 766 or 0800 POISON
OTHER	Contact your local country poison centre

2. Hazard Identification

OSHA/HCS Status:	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
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- 2.1 Classification of the substance or mixture**
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
- | | |
|---------------------------------|----------------|
| Acute toxicity: | Not Classified |
| Skin irritation: | Not Classified |
| Eye irritation: | Not Classified |
| Respiratory sensitization: | Not Classified |
| Skin sensitization: | Not Classified |
| Specific target organ toxicity: | Not Classified |
- 2.2 GHS Label elements, including precautionary statements**
- | | |
|------------------------------------|------------|
| Pictogram: | Not Needed |
| Signal Word: | Not Needed |
| Hazard Statement(s): | Not Needed |
| Precautionary Statement(s): | Not Needed |
- 2.3 Hazards not otherwise classified (HNOC) or not covered by GHS**
 None.

3. Composition/Information on Ingredients

3.1 Substances

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

4. First Aid Measures

4.1 Description of first aid measures

Eye Contact Immediately rinse open eyes with running water for at least 15 minutes. Seek medical advice if irritation develops or persists.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention immediately if symptoms occur.

Ingestion Do not induce vomiting without medical advice. Clean mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.

Inhalation Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical aid immediately if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed under normal conditions of intended use, this product is not expected to be a health risk

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Water spray. Carbon dioxide (CO₂). Dry chemical. Chemical foam.

Unsuitable extinguishing media: No information available.

5.2 Special hazards arising from the substance or mixture Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters Exercise caution when fighting any chemical fire. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel, ensure adequate ventilation. Avoid dust formation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid breathing vapours, mist, gas or dust. Avoid skin and eye contact.

6.1.2 For emergency responders use suitable protective equipment for personal protection. Ventilate area

6.2 Environmental precautions Prevent further leakage or spillage if safe to do so. Prevent product from entering drains, surface and ground water.

6.3 Methods and material for containment and cleaning up Sweep up or absorb with inert material (e.g. sand, silica gel, acid binder, universal binder, sawdust) and collect in suitable, closed containers for disposal.

6.4 Reference to other sections If appropriate Sections 8 and 13 shall be referred to.



7. Handling and Storage

7.1 Precautions for safe handling

Keep containers tightly sealed. Store in a cool, dry place in tightly closed containers. Ensure good ventilation/exhaustion at the workplace. Open and handle containers with care. Do not eat, drink or smoke while handling. Keep far away from flammable materials and heat source. Wash hands after use

7.2 Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well-ventilated location in a tightly sealed container or cylinder. To maintain product quality, do not store in heat or direct sunlight. Keep away from incompatible materials, flammable substances, heat and sources of ignition. Secure and label area. Store away from food stuff. Protect containers/cylinders from physical damage. Store away from water or moisture.

7.3 Specific end use(s) No information available.

8. Exposure Controls/Personal Protection

INK

8.1 Control parameters - ink

Exposure limit values

Component	The United Kingdom	France	Germany
Ethanol (64-17-5)	TWA: 1000 ppm TWA: 1920 mg/m ³ WEL - STEL: 3000 ppm STEL: 5760 mg/m ³	TWA / VME: 1000 ppm (8 heures). TWA / VME: 1900 mg/m ³ (8 heures) STEL / VLCT: 5000 ppm. STEL / VLCT: 9500 mg/m ³	TWA: 500 ppm TWA: 960 mg/m ³

Component	European Union	The United Kingdom	France
Phthalocyanine blue (147-14-8)	No data available	STEL: 15 mg/m ³ TWA: 5 mg/m ³	No data available

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Monitoring procedure BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

Derived No Effect Level (DNEL) See values below.

Component	Route of exposure	Acute effects (local)	Acute effects (systemic)	Chronic effects (local)	Chronic effects (systemic)
Ethyl alcohol (64-17-5)	Oral	No data available	87 mg/kg bw/d	No data available	No data available
	Dermal	No data available	No data available	No data available	343 mg/kg bw/day
	Inhalation	No data available	950 mg/m ³	No data available	1900 mg/m ³ /day

Predicted No Effect Concentration (PNEC)

See values below.

Ethyl alcohol (64-17-5)	Fresh water	0.96 mg/L
	Fresh water sediment	3.6 mg/kg
	Marine water	0.79 mg/L
	Soil (Agriculture)	0.63 mg/kg

8.2 Exposure controls - ink

8.2.1 Appropriate engineering Measures Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location. Keep away from foodstuff, beverages and fee.

8.2.2 Individual protection measures

Eye and face protection Safety glasses with side-shields. Have an eye wash station available.

Skin protection Wear appropriate protective gloves and clothing to prevent skin exposure.

Respiratory protection Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Thermal hazards Thermal decomposition can lead to release of irritating gases and vapors.

8.2.3 Environmental exposure controls No information available.

CRAYONS

8.1 Control parameters
Not Known

8.2 Exposure controls
Appropriate engineering controls
None needed.

Personal protective equipment

Eye/face protection

Wear chemical splash goggles when handling this product. Have an eye wash station available.

Skin protection

Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Where use can result in skin contact, practice good personal hygiene. Inspect

gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Gloves: Natural rubber, Neoprene, PVC or equivalent.

Body protection

Protective clothing is not required under normal conditions.

Respiratory Protection

No respirator is required under normal conditions of use.

Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

Control of environmental exposure

Not needed.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Keep away from foodstuffs, beverages and food.

9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance: Ink: Purple liquid Crayons: Various coloured solids

Odour: Ink: No data available Crayons: Odourless

Odour Threshold: No data available.

pH: No data available.

Melting point/freezing point: Ink: No data available Crayons: melting range 65 – 75C

Initial boiling point and boiling range: No data available.

Flash point: Ink: No data available Crayons: 220C

Evaporation rate: No data available.

Upper/lower flammability/explosive limits: No data available.

Vapour pressure/ density: Ink: No data available Crayons: Density 1.2 – 1.4g/ml

Relative density: No data available.

Solubility(ies): No data available.

Partition coefficient: n-octanol / water: No data available.

Auto-ignition temperature: Ink: No data available Crayons: not self-igniting

Decomposition temperature: No data available.

Viscosity: No data available.

Explosive properties: Ink: No information available Crayons: Not an explosion hazard

Oxidising properties : No information available.

9.2 Other information No data available.

10. Stability and reactivity

10.1 Reactivity Hazardous polymerization does not occur.

10.2 Chemical stability Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions None under normal processing.

10.4 Conditions to avoid Incompatible products, Excess heat, Avoid dust formation.

10.5 Incompatible materials Ink: Strong oxidizing agents, Chlorine, permanganates Crayons: None known

10.6 Hazardous decomposition products Ink: Carbon oxides, Acrolein, formaldehyde-like Crayons: None known

11a. Toxicological information - Ink

11.1 Information on toxicological effects

(a) acute Toxicity

Toxicology data for the components

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Poly(ethylene-co-vinyl acetate) (24937-78-8)	2,920 mg/kg (Rat)	No data available	No data available
Phthalocyanine blue (147-14-8)	>15 g/kg (Rat)	No data available	No data available
Ethanol (64-17-5)	3,450 mg/kg (Mouse)	No data available	20000 ppm 10h (Rat)
Allura red (25956-17-6)	>10 g/kg (Rat)	>10 g/kg (Rabbit)	No data available

(b) skin corrosion/irritation No information available.

(c) serious eye damage/irritation No information available.

(d) respiratory or skin sensitisation

Respiratory No information available.

Skin No information available.

(e) germ cell mutagenicity No information available.

(f) carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	IARC	EU
Polypropylene (9003-07-0)	Group 3	Not classified
Ethanol (64-17-5)	Group 1	Not classified

Note: IARC Group 1 - carcinogenic to humans; Group 3 - Not classifiable as to its carcinogenicity to humans.

(g) reproductive toxicity No information available.

(h) STOT-single exposure No information available.

(i) STOT-repeated exposure No information available.

Target Organs No information available.

(j) aspiration hazard No information available.

Other Adverse Effects The toxicological properties have not been fully investigated.

Endocrine Disruptor Information None known.

Individuals with an allergy to natural rubber/latex may experience skin irritation or sensitization via direct or indirect contact with the product, due to the presence of natural rubber (CAS No. 9006-04-6) in the product.



11b. Toxicological information - Crayons

11.1 Information on toxicological effects

Acute toxicity

Not known.

Skin corrosion/irritation

May cause skin irritation.

Serious eye damage/eye irritation

May cause eye irritation.

Respiratory or skin sensitisation

Not known.

Germ cell mutagenicity

Not known.

Carcinogenicity

IARC: Not known.

ACGIH: Not known.

NTP: Not known.

OSHA: Not known.

Reproductive toxicity

Not known.

Specific target organ toxicity-single exposure

Not known.

Specific target organ toxicity-repeated exposure

Not known.

Aspiration hazard

Not known.

Additional information

None.

12a. Ecological information - Ink

12.1 Toxicity

Ecotoxicity effects

Do not empty into drains. The product contains following substance(s) which are hazardous for the environment.

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ethanol (64-17-5)	EC50: 275 mg/L 72h (Chlorella vulgaris) EC50: 1,000 mg/L 96h (Chlorella vulgaris)	LC50: 14200 mg/L 96h (Pimephales promelas)	EC50: 34634 mg/L 30 min (Photobacterium Phosphoreum) EC50: 35470 mg/L 5 min (Photobacterium Phosphoreum)	No data available



12.2 Persistence and degradability No information available.

12.3 Bioaccumulative potential

Component	log Pow	Bioconcentration factor (BCF)
Ethanol (64-17-5)	-0.32	No data available

12.4 Mobility in soil No information available.

12.5 Results of PBT and vPvB assessment No data available for assessment.

12.6 Other adverse effects No information available.

12b. Ecological information - Crayons

12.1 Toxicity
Avoid release to the environment.

12.2 Persistence and degradability
Not known.

12.3 Bioaccumulative potential
Not known.

12.4 Mobility in soil
Not known.

12.5 Results of PBT and vPvB assessment
Not known.

12.6 Other adverse effects
Not known.

13. Disposal considerations

13.1 Waste treatment methods

Waste from Residues / Unused Products Dispose of in accordance with Federal, State and local regulations. Do not dispose of waste into sewer.

Contaminated Packaging Empty remaining contents. Dispose of in accordance with Federal, State and local regulations. Do not re-use empty containers.

14. Transport information

IMDG/IMO Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

ADR/RID Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

ICAO/IATA Not regulated.

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.5 Environmental hazards No hazards identified.

14.6 Special precautions for user No special precautions required.

14.7 Transport in bulk according to Annex

II of Marpol73/78 and the IBC Code Not applicable, packaged goods.



15a. Regulatory information - Ink

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

International Inventories X = listed

Component	EINECS	NZIoC	TSCA	DSL	NDSL	PICCS	ENCS	IECSC	AICS	KECI
Polypropylene	618-352-4	X	X	X	-	X	X	X	X	X
Natural rubber	232-689-0	X	-	X	-	X	-	X	X	X
Poly(ethylene-co-vinyl acetate)	607-457-0	X	X	X	-	X	X	X	X	X
Ethanol	200-578-6	X	X	X	-	X	X	X	X	X
Pigment Violet 23	228-767-9	X	X	X	-	X	X	X	X	X

National Regulations

Component	Germany - Water Classification (VwVwS)	France - INRS (Tables of occupational diseases)
Ethanol (64-17-5)	WGK 1	Tableaux des maladies professionnelles (TMP) - RG 84

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS - European Inventory of Existing Commercial Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECI - Korea Existing Chemicals Inventory

15.2. Chemical safety assessment No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

15b. Regulatory information - Crayons

SARA 302 Components

None are listed.

SARA 313 Components

None are listed.

SARA 311/312 Hazards

None are listed.

Massachusetts Right To Know Components

None.

Pennsylvania Right To Know Components

None.

New Jersey Right To Know Components

None.

California Prop. 65 Components

None.



16. Other information

INK: Full Text of H-/EUH-Statements Referred to Under Section 3 H225 - highly flammable liquid and vapour

CRAYONS:

Full text of R and H-Statements referred to under sections 2 and 3

None.

HMIS Rating

Health hazard:	0
Flammability:	0
Physical hazard:	0

NFPA Rating

Health hazard:	0
Fire hazard:	0
Reactivity hazard:	0

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MTS-US LLC and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.