



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Issuing Date 11-Apr-2025

Revision date 11-Apr-2025

Revision Number 3

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

1.1. Product identifier

Product Code(s) CRAY-041

Material Name: CRAYOLA® WASHABLE MARKERS

Synonyms CRAYOLA® WASHABLE MARKERS; CRAYOLA ULTRA-CLEAN BROAD LINE AND FINE LINE MARKERS; CRAYOLA WASHABLE MARKERS BROAD LINE AND FINE LINE; SIGNATURE NEON LIGHT EFFECTS MARKERS; AIRBRUSH MARKERS AND REFILLS; COLORCLICKS; BRUSH TIP SUPERTIPS; WINDOW F/X MARKERS; COLOR F/X MARKERS; TRICOLOR MARKERS; RAINBOW CONNECTOR MARKERS; MEGA POSTER MARKERS; DOODLING MARKERS; PIPSQUEAK BROADLINE AND SKINNIES MARKERS; COLORING-BOOK MARKERS; BEGINNINGS MARKERS; FLIP TOP MARKERS; HEADS 'N TAILS MARKERS COLOR TWISTER; TADDOODLES; GEL FX; HASSLE FREE 3-IN-1 PAINT; MINI STAMPERS; YOUNG MOM; NO-DRIP PAINT BRUSH PENS; PIP-SQUEAK SKINNIES MARKERS; RECOLORITZ; MY FIRST CRAYOLA; POWERLINES; ART KITS; ART SUPPLIES; ART TUB; ART BUDDY BACKPACK; CLASSPACKS; CREATIVITY TUB; FOR THE CURE; STORY STUDIO; INSPIRATION ART CASE; MARKER MAKER; MARKER MAKER REFILL; PIP-SQUEAKS WASHABLE MARKER KIT PREMIER ART KIT; PROJECTOR LIGHT DESIGNER; SKETCHER PROJECTOR; TELESCOPING TOWER; TUB OF FUN; TRAYOLA; SUPER-TIPS WASHABLE MARKERS; ULTIMATE ART SUPPLIES & EASEL; WASHABLE STAMP PAD; WINDOW MARKER & STENCIL KIT; LIGHT DESIGNER; COLOR N ERASE; EMOJI MAKER; COLOR CHEMISTRY; TAKE NOTE WASHABLE GEL MARKERS/PENS; WET ERASE; IMAGINATION ART SET; SKETCH AND COLOR ART CASE; COLORS OF THE WORLD MARKERS; SUPER CLICK RETRACTABLE MARKERS; SCRIBBLE SCRUBBIE MARKERS; SPIN AND SPIRAL ART SET; MARKER AIRBRUSH; MINI MARKER SPRAYER; MARKER MIXER; SCRIBBLE SCRUBBIE DINOSAUR ISLAND; PRODUCT CODE(S): 03-9006; 03-9100; 03-9101; 04-0029; 04-0030; 04-0035; 04-0040; 04-0050; 04-0054; 04-0556; 04-0057; 04-0058; 04-0089; 04-5062; 04-5055; 04-0127; 04-0130; 04-0131; 04-0133; 04-0138; 04-0139; 04-0141; 04-0142; 04-0143; 04-0146; 04-0149; 04-0151; 04-0152; 04-0174; 04-0180; 04-0208; 04-0235; 04-0236; 04-0260; 04-0265; 04-0267; 04-0268; 04-0294; 04-0296; 04-0297; 04-0298; 04-0299; 04-0346; 04-0348; 04-0355; 04-0363; 04-0377; 04-0379; 04-0401; 04-0436; 04-0437; 04-0438; 04-0439; 04-0400; 04-0404; 04-0440; 04-0455; 04-0504; 04-0506; 04-0517; 04-0521; 04-0524; 04-0530; 04-0533; 04-0546; 04-0557; 04-0559; 04-0561; 04-0563; 04-0564; 04-0573; 04-0574; 04-0575; 04-0576; 04-0577; 04-0578; 04-0580; 04-0581; 04-0583; 04-0594; 04-0595; 04-0596; 04-0597; 04-0599; 04-0598; 04-0600; 04-0601; 04-0604; 04-0610; 04-0611; 04-0612; 04-0619; 04-0629; 04-0630; 04-0633; 04-0635; 04-0636; 04-0637; 04-0638; 04-0639; 04-0641; 04-0648; 04-0649; 04-0650; 04-0657; 04-0661; 04-0702; 04-0703; 04-0781; 04-0901; 04-0910; 04-0911; 04-0912; 04-0918; 04-0919; 04-0920; 04-0923; 04-0928; 04-0937; 04-0944; 04-0945; 04-0981; 04-0982; 04-0983; 04-0984; 04-1024; 04-1025; 04-1040; 04-1042; 04-1050; 04-1051; 04-1052; 04-1053; 04-1054; 04-1089; 04-1900; 04-1096; 04-1234; 04-1235; 04-1257; 04-1906; 04-1910; 04-1911; 04-1912; 04-1913; 04-1914; 04-1917; 04-1918; 04-1921; 04-1923; 04-1955; 04-1970; 04-1972; 04-2008; 04-2009; 04-2010; 04-2014; 04-2016; 04-2026; 04-2300; 04-2467; 04-2469; 04-2522; 04-2532; 04-2536; 04-2537; 04-2539; 04-2540; 04-2542; 04-2543;

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58-9050; 58-8190; 58-8824; 58-8825; 58-8826; 58-8827; 58-9505; 58-9908-P-XXX (1000
PACK BROADLINE MARKERS); -158 (TROPICAL VIOLET); -161 (ORANGE CIRCUIT);
58-9909-P-XXX (1300 PACK FINELINE U/C MARKERS); -011 (COPPER); -034
(YELLOW); -036 (ORANGE); -038 (RED); -040 (VIOLET); -041 (PLUM); -042 (BLUE); -044
(GREEN); -045 (PRIMROSE); -047 (PINK); -051 (BLACK); -054 (BLUE LAGOON); -057
(GOLDEN YELLOW); -063 (KIWI/CITRINE); -066 (TEAL); -086 (RASPBERRY); 74-0232;
74-0237; 74-0238; 74-0239; 74-0245; 74-0293; 74-2444; 74-6080; 74-7059; 74-7147;
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 81-1503; 81-1548; 81-2007; 81-2013; 81-8109; 81-8123; 81-8326; 81-8128; 81-8324;
 81-8325; 82-7251; 82-7275; 95-0291; 99-0064; 99-0066; 99-0067; 99-0068; 99-0075;
 INT-2061; INT-2062;

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

Recommended use Arts and Crafts

Uses advised against None Known

1.3. Details of the supplier of the safety data sheet

Supplier

Binney & Smith (Europe) Ltd

Bedford Heights

Manton Lane

Bedford, MK41 7PH

England

Phone: +44 (0)1234 363014

For further information, please contact

Contact Point support@crayola.com

1.4. Emergency telephone number

Emergency Telephone EU: 1-800-535-5053 or call local POISON CONTROL

Emergency Telephone - §45 - (EC)1272/2008
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Europe	112
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

Hazard statements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

2.3. Other hazards

Not applicable.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

The product contains no substances which at their given concentration, are considered to be hazardous to health

Chemical name	Weight-%	REACH registration number	EC No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Specific concentration limit (SCL)	M-Factor	M-Factor (long-term)
Product has been certified as nontoxic by the Art & Creative Materials Institute, Inc. and conforms to ASTM D 4236 standard practice for labeling art materials for acute and chronic adverse health hazards	100	No data available	-	No data available	-	-	-

Full text of H- and EUH-phrases: see section 16

Acute Toxicity Estimate

No information available

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.
Eye contact	It is unlikely that emergency treatment will be required. Flush eyes with plenty of water for at least 15 minutes. If eye irritation persists, get medical advice/attention.
Skin contact	It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.
Ingestion	Call a poison control center or doctor immediately for treatment advice.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms	None under normal use conditions. See Section 11 for additional Toxicological Information.
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4.3. Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
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Large Fire

CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media

Do not scatter spilled material with high pressure water streams.

5.2. Special hazards arising from the substance or mixture**Specific hazards arising from the chemical**

None expected.

5.3. Advice for firefighters**Special protective equipment and precautions for fire-fighters**

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

None under normal use conditions.

For emergency responders

Use personal protective equipment as required.

6.2. Environmental precautions**Environmental precautions**

No special precautions are needed in handling this material.

6.3. Methods and material for containment and cleaning up**Methods for containment**

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections**Reference to other sections**

See section 8 for more information. See section 13 for more information.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

None under normal use conditions.

General hygiene considerations

Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions**

No special requirements for writing instruments.

7.3. Specific end use(s)**Risk Management Methods (RMM)**

The information required is contained in this Safety Data Sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
Biological occupational exposure limits	This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.
Derived No Effect Level (DNEL) - Workers	No information available
Derived No Effect Level (DNEL) - General Public	No information available.
Predicted No Effect Concentration (PNEC)	No information available.

8.2. Exposure controls

Engineering controls	For home use.
Personal protective equipment	
Eye/face protection	Eye protection not required under normal conditions.
Hand protection	Protective gloves are not required under normal conditions.
Skin and body protection	It is unlikely that emergency treatment will be required. If adverse effects occur, wash with soap or mild detergent and large amounts of water. Get medical attention, if needed.
Respiratory protection	No respirator is required under normal conditions of use.
General hygiene considerations	Wash hands thoroughly after handling.
Environmental exposure controls	This product is not classified as hazardous.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	article containing liquid
Color	various colors
Odor	No information available.
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Initial boiling point and boiling range	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	> 100°C	None known
Autoignition temperature	No data available	None known

Decomposition temperature		None known
pH	6 - 9.5	None known
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	1.06 - 4.2 cps	None known
Water solubility	Soluble in water	None known
Solubility(ies)	No data available	None known
Partition coefficient	No data available	None known
Vapor pressure	No data available	None known
Relative density	1.06 - 1.12	None known
Bulk density	No data available	
Liquid Density	No data available	
Relative vapor density	No data available	None known
Particle characteristics		
Particle Size	No information available	
Particle Size Distribution	No information available	

9.2. Other information

9.2.1. Information with regard to physical hazard classes
Not applicable

9.2.2. Other safety characteristics
No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity No hazard expected.

10.2. Chemical stability

Stability Stable at normal temperatures and pressure.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None reported.

10.5. Incompatible materials

Incompatible materials Oxidizing materials.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Information on likely routes of exposure

Product Information

Inhalation	No known effects under normal use conditions.
Eye contact	No known effects under normal use conditions.
Skin contact	No known effects under normal use conditions.
Ingestion	No known effects under normal use conditions.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No known effects under normal use conditions.
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Acute toxicity**Numerical measures of toxicity**

Not classified

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	Not classified.
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Serious eye damage/eye irritation	Not classified.
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Respiratory or skin sensitization	Not classified.
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Germ cell mutagenicity	Not classified.
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Carcinogenicity	Not classified.
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Reproductive toxicity	Not classified.
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STOT - single exposure	Not classified.
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STOT - repeated exposure	Not classified.
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Aspiration hazard	Not classified.
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11.2. Information on other hazards**11.2.1. Endocrine disrupting properties**

Endocrine disrupting properties	Not classified.
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11.2.2. Other information

Other adverse effects	This product is not classified as hazardous. No known effects under normal use conditions.
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SECTION 12: Ecological information**12.1. Toxicity**

Ecotoxicity Not classified. Not considered to be harmful to aquatic life.

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

12.4. Mobility in soil

Mobility in soil No information available.

12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment No information available.

12.6. Endocrine disrupting properties

Endocrine disrupting properties No information available.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Waste from residues/unused products Dispose of waste in accordance with environmental legislation. Dispose of in accordance with local regulations.

Contaminated packaging Do not reuse empty containers.

SECTION 14: Transport information**IATA**

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

IMDG

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated

14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None
14.7 Maritime transport in bulk according to IMO instruments	No information available

RID

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

ADR

14.1 UN number or ID number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing group	Not regulated
14.5 Environmental hazards	Not applicable
14.6 Special precautions for user	
Special Provisions	None

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Authorizations and/or restrictions on use:

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

Persistent Organic Pollutants

Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

International Inventories

TSCA	All of the components of this product are listed on the TSCA Inventory.
DSL/NDL	Contact supplier for inventory compliance status
EINECS/ELINCS	Contact supplier for inventory compliance status
ENCS	Contact supplier for inventory compliance status
IECSC	Contact supplier for inventory compliance status
KECL	Contact supplier for inventory compliance status
PICCS	Contact supplier for inventory compliance status

AIIC
NZIoC

Contact supplier for inventory compliance status
Contact supplier for inventory compliance status

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AIIC - Australian Inventory of Industrial Chemicals
NZIoC - New Zealand Inventory of Chemicals

15.2. Chemical safety assessment

Chemical Safety Report

No information available

SECTION 16: Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****Legend**

SVHC: Substances of Very High Concern for Authorization:

Legend Section 8: Exposure controls/personal protection

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)
 Ceiling Maximum limit value * Skin designation
 + Sensitizers

Classification procedure	
Classification according to Regulation (EC) No. 1272/2008 [CLP]	Method Used
Acute oral toxicity	Calculation method
Acute dermal toxicity	Calculation method
Acute inhalation toxicity - gas	Calculation method
Acute inhalation toxicity - vapor	Calculation method
Acute inhalation toxicity - dust/mist	Calculation method
Skin corrosion/irritation	Calculation method
Serious eye damage/eye irritation	Calculation method
Respiratory sensitization	Calculation method
Skin sensitization	Calculation method
Mutagenicity	Calculation method
Carcinogenicity	Calculation method
Reproductive toxicity	Calculation method
STOT - single exposure	Calculation method
STOT - repeated exposure	Calculation method
Acute aquatic toxicity	Calculation method
Chronic aquatic toxicity	Calculation method
Aspiration hazard	Calculation method
Ozone	Calculation method

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 European Chemicals Agency (ECHA) Committee for Risk Assessment (ECHA_RAC)
 European Chemicals Agency (ECHA) (ECHA_API)
 EPA (Environmental Protection Agency)

Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
National Institute of Technology and Evaluation (NITE)
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
World Health Organization

Revision date 11-Apr-2025

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Disclaimer

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End of Safety Data Sheet