

# Safety Data Sheet

Material Name: CRAYOLA® 可洗马克笔; CRAYOLA® WASHABLE MARKERS

SDS ID: CRAY-125

## Section 1 - PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

#### Material Name

CRAYOLA® 可洗马克笔; CRAYOLA® WASHABLE MARKERS

#### Synonyms

CRAYOLA ULTRA-CLEAN BROAD LINE AND FINELINE MARKERS; CRAYOLA WASHABLE MARKERS BROAD LINE AND FINE LINE; AIRBRUSH MARKERS AND REFILLS; COLORCLICKS; SUPERTIPS; WINDOW F/X MARKERS; TRICOLOR MARKERS; RAINBOW CONNECTOR MARKERS; MEGA POSTER MARKERS; DOODLING MARKERS; PIPQUEAK BROADLINE AND SKINNIES MARKERS; COLORING-BOOK MARKERS; BEGINNINGS MARKERS; FLIP TOP MARKERS; HEADS 'N TAILS MARKERS COLOR TWISTER; TADOODLES; GEL FX; HASSLE FREE 3-IN-1 PAINT; MINI STAMPERS; 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 KIT ULTIMATE ART SUPPLIES & EASEL; WASHABLE STAMP PAD; WINDOW MARKER & STENCIL KIT; LIGHT DESIGNER; COLOR POPS; COLOR N ERASE; EMOJI MAKER; PRODUCT CODE(S): 03-9006; 03-9100; 03-9101;04-0029; 04-0030; 04-0034; 04-0035; 04-0040; 04-0054; 04-0057; 04-0058; 04-5062; 04-5055; 04-0130; 04-0131; 04-0133; 04-0138; 04-0174; 04-0180; 04-0208; 04-0235; 04-0236; 04-0260; 04-0265; 04-0267; 04-0268; 04-0294; 04-0296; 04-0346; 04-1900; 04-1906; 04-1910; 04-1911; 04-1912; 04-1913; 04-1914; 04-1917; 04-1918; 04-1923; 04-1955; 04-1970; 04-1972; 04-2008; 04-2009; 04-2010; 04-2014; 04-2016; 04-2300; 04-2467; 04-2469; 04-2522; 04-2532; 04-2536; 04-2537; 04-2539; 04-2540; 04-2542; 04-2543; 04-2544; 04-2549; 04-2555; 04-2580; 04-2581; 04-2900; 04-2910; 04-3300; 04-3301; 04-3302; 04-3303; 04-3304; 04-3305; 04-3306; 04-3307; 04-4600; 04-4610; 04-5029; 04-5053; 04-5054; 04-5055; 04-5056; 04-5062; 04-5087; 04-5189; 04-5195; 04-5226; 04-5227; 04-5229; 04-5350; 04-5354; 04-5355; 04-5358; 04-5367; 04-5400; 04-5401; 04-5555; 04-5556; 04-5674; 04-5678; 04-5679; 04-5680; 04-5692; 04-5700; 04-5701; 04-5708; 04-5709; 04-5713; 04-5714; 04-5715; 04-5716; 04-5718; 04-5802; 04-5803; 04-5807; 04-5808; 04-5811; 04-5812; 04-5813; 04-5814; 04-5815; 04-5819; 04-5820; 04-5821; 04-5844; 04-5850; 04-5855; 04-5856; 04-5860; 04-5869; 04-5873; 04-5874; 04-5900; 04-6006; 04-6016; 04-6701; 04-6806; 04-6807; 04-6808; 04-6810; 04-6814; 04-6816; 04-6828; 04-6829; 04-6847; 04-6866; 04-6868; 04-6870; 04-6873; 04-6876; 04-6879; 04-6897; 04-6898; 04-6900; 04-6918; 04-6919; 04-6932; 04-6933; 04-6937; 04-7001; 04-7004; 04-7005; 04-8722; 04-8723; 04-8727; 04-8732; 04-8733; 04-8734; 04-8735; 04-8737; 04-8800; 52-3348; 54-6201; 54-6202; 54-6203; 57-4515; 58-0101; 58-1849; 58-2194; 58-2201; 58-2292; 58-2293; 58-2908; 58-2910; 58-2911; 58-2912; 58-5020; 58-5021; 58-5050; 58-5051; 58-5053; 58-5057; 58-5070; 58-5071; 58-5100; 58-5101; 58-5102; 58-5103; 58-5104; 58-5105; 58-5106; 58-5107; 58-5108; 58-5201; 58-5202; 58-5203; 58-5204; 58-5205; 58-5206; 58-5207; 58-5208; 58-5209; 58-5210; 58-5211; 58-5212; 58-5214; 58-5880; 58-6006; 58-6007; 58-6023; 58-6034; 58-6038; 58-6040; 58-6042; 58-6044; 58-6046; 58-6104; 58-6106; 58-6501; 58-6511; 58-7100; 58-7102; 58-7200; 58-7208; 58-7212; 58-7401; 58-7509; 58-7512; 58-7513; 58-7514; 58-7613; 58-7621; 58-7624; 58-7625; 58-7628; 58-7629; 58-7630; 58-7631; 58-7632; 58-7634; 58-7635; 58-7636; 58-7637; 58-7638; 58-7639; 58-7640; 58-7641; 58-7700; 58-7713; 58-7714; 58-7715; 58-7730; 58-7800; 58-7801; 58-7208; 58-7808; 58-7809; 58-7812; 58-7813; 58-7816; 58-7819; 58-7832; 58-7836; 58-7851; 58-7852; 58-7853; 58-7854; 58-7855; 58-7856; 58-7857; 58-7858; 58-7959; 58-7860; 58-7861;58-7868; 58-7869; 58-7908; 58-7900; 58-7910; 58-8106; 58-8125; 58-8128; 58-8129; 58-8133; 58-8134; 58-8135; 58-8136; 58-8137; 58-8138; 58-8146; 58-8148; 58-8151; 58-8163; 58-8165; 58-8166; 58-8171; 58-8173; 58-8177; 58-8178; 58-8179; 58-8180; 58-8181; 58-8194; 58-8186; 58-8185; 58-8186; 58-8187; 58-8200; 58-8201; 58-8208; 58-8210; 58-8211; 58-8212; 58-8713; 58-8214; 58-8217; 58-8220; 58-8221; 58-8230; 58-8231; 58-8232; 58-3233; 58-8234; 58-8235; 58-8236; 58-8237; 58-8238; 58-8260; 58-8261; 58-8328; 58-8329; 58-8330; 58-8331; 58-8610; 58-8700; 58-8701; 58-8703; 58-8704; 58-8708; 58-8709; 58-8719; 58-8720; 58-8721; 58-8722; 58-8723; 58-8724; 58-8725; 58-8726; 58-8727; 58-8731; 58-8732; 58-8733; 58-8734; 58-8735; 58-8736; 58-8750; 58-8764;58-8766; 58-9050; 58-8190; 74-7202; 74-7210; 74-7215; 81-1324; 81-1365; 81-1383; 81-1384; 81-1428; 81-8128; 81-8324

#### Product Description

Finished product.

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## Details of the supplier of the safety data sheet

CRAYOLA LLC  
1100 Church Lane  
Easton, PA 18044  
Phone: 1-800-272-9652  
Emergency Phone #: Health Emergency - Call local POISON CONTROL  
E-mail: support@crayola.com

## Emergency phone number

Emergency phone number: +852 96573792

## Product Use

Arts and Crafts

## Restrictions on Use

None known.

## Section 2 - HAZARDS IDENTIFICATION

### Emergency Overview

various colors article containing liquid, Significant exposure is not expected when bound in materials. No hazards are expected from the use of this product.
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### GHS hazard classification (according to GB 30000.2-GB 30000.29)

None needed according to classification criteria.

### Label elements

#### Symbol(s)

None needed according to classification criteria.

#### Signal word

None needed according to classification criteria

#### Hazard Statement(s)

None needed according to classification criteria.

#### Precautionary statements

#### Prevention

None needed according to classification criteria.

#### Response

None needed according to classification criteria.

#### Storage

None needed according to classification criteria.

#### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Physical and Chemical Hazards

No hazards are expected from the use of this product.

#### Health Hazards

Significant exposure is not expected when bound in materials. No hazards are expected from the use of this product.

#### Potential Environmental Effects

No hazards are expected from the use of this product.

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## Other Hazards Which Do Not Result in Classification

None known.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
Not available	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

## Section 4 - FIRST AID MEASURES

### Description of Necessary Measures

#### Inhalation

It is unlikely that emergency treatment will be required. Remove from exposure. Get medical attention, if needed.

#### 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.

#### 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.

#### Ingestion

Call a poison control center or doctor immediately for treatment advice.

### Most Important Symptoms/Effects

#### Immediate

No information on significant adverse effects.

#### Delayed

No information on significant adverse effects.

### Note to Physicians

No data available

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

## Section 5 - FIRE FIGHTING MEASURES

### Suitable extinguishing media

Water carbon dioxide, regular dry chemical, regular foam,

### Unsuitable Extinguishing Media

None known.

### Specific hazards arising from the chemical

No data available

### Hazardous combustion products

Oxides of carbon

### Fire Fighting Measures

Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

### Protective Equipment and Precautions for Firefighters

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Wear protective clothing and equipment suitable for the surrounding fire.

## Section 6 - ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Wear personal protective clothing and equipment, see Section 8.

### Environmental precautions

No data available

### Methods and Materials for Containment and Cleaning Up

Stop leak if possible without personal risk. Collect spilled material in appropriate container for disposal.

### Secondary disaster prevention measures

No data available

## Section 7 - HANDLING AND STORAGE

### Precautions for safe handling

Wash thoroughly after handling.

### Conditions for safe storage, including any incompatibilities

None needed according to classification criteria.

Store and handle in accordance with all current regulations and standards. See original container for storage recommendations. Keep separated from incompatible substances.

### Incompatible Materials

oxidizing materials

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

#### Component Exposure Limits

China, HongKong and ACGIH have not developed exposure limits for any of this product's components.

#### Biological limit value

There are no biological limit values for any of this product's components.

#### Appropriate engineering controls

Based on available information, additional ventilation is not required.

### Personal protective equipment

#### Respiratory Protection

No respirator is required under normal conditions of use. Under conditions of frequent use or heavy exposure, respiratory protection may be needed.

#### Hand protection

Protective gloves are not required under normal conditions.

#### Eye/face protection

Eye protection not required under normal conditions.

### Skin and Body Protection

No data available

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	article containing liquid	<b>Physical State</b>	liquid
<b>Odor</b>	odorless	<b>Color</b>	various colors

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<b>Odor Threshold</b>	Not available	<b>pH</b>	6 - 9.5
<b>Melting Point</b>	Not available	<b>Boiling Point</b>	Not available
<b>Boiling Point Range</b>	Not available	<b>Freezing point</b>	Not available
<b>Evaporation Rate</b>	Not available	<b>Flammability (solid, gas)</b>	Not available
<b>Autoignition Temperature</b>	Not available	<b>Flash Point</b>	Not available
<b>Lower Explosive Limit</b>	Not available	<b>Decomposition temperature</b>	Not available
<b>Upper Explosive Limit</b>	Not available	<b>Vapor Pressure</b>	Not available
<b>Vapor Density (air=1)</b>	Not available	<b>Specific Gravity (water=1)</b>	1.06 - 1.12
<b>Water Solubility</b>	(Soluble )	<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Viscosity</b>	1.06 - 4.2 cps	<b>Kinematic viscosity</b>	Not available
<b>Solubility (Other)</b>	Not available	<b>Density</b>	Not available
<b>Physical Form</b>	article containing liquid	<b>Molecular Weight</b>	Not available

## Section 10 - STABILITY AND REACTIVITY

### Chemical stability

Stable at normal temperatures and pressure.

### Possibility of hazardous reactions

No hazard expected.

### Polymerization

Will not polymerize.

### Conditions to avoid

None reported.

### Materials to Avoid (Incompatibilities)

oxidizing materials

### Hazardous decomposition products

Oxides of carbon

### Thermal decomposition products

Oxides of carbon

## Section 11 - TOXICOLOGICAL INFORMATION

### Component Analysis - LD50/LC50

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The components of this material have been reviewed in various sources and no selected endpoints have been identified.

## **Acute Toxicity Estimate**

No data available.

## **Immediate Effects**

None

## **Delayed Effects**

None

## **Skin Corrosion/Irritation**

None

## **Severe Damage/Irritation of Eyes**

No information on significant adverse effects.

## **Respiratory Sensitization**

No information available for the product.

## **Dermal Sensitization**

No information available for the product.

## **Germ cell mutagenicity**

No information available for the product.

## **Component Carcinogenicity**

None of this product's components are listed by Ministry of Health, ACGIH or IARC.

## **Reproductive Effects**

No information available for the product.

## **Specific Target Organ Toxicity - Single Exposure**

No target organs identified.

## **Specific Target Organ Toxicity - Repeated Exposure**

No target organs identified.

## **Aspiration hazard**

no data available.

## **Section 12 - ECOLOGICAL INFORMATION**

### **Ecotoxicity**

No information available for the product.

### **Component Analysis - Aquatic Toxicity**

No LOLI ecotoxicity data are available for this product's components.

### **Persistence**

No information available for the product.

### **Bioaccumulative potential**

No information available for the product.

### **Mobility in Environmental Media**

No information available for the product.

## **Section 13 - DISPOSAL CONSIDERATIONS**

### **Disposal Methods**

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Dispose in accordance with all applicable federal, state/regional and local laws and regulations. Recycle if possible.

## **Component waste information**

There is no applicable waste information for this product's components.

## **Contaminated packaging disposal**

Dispose in accordance with all applicable regulations.

## **Section 14 - TRANSPORT INFORMATION**

### **IATA Information:**

**Further information:** Not regulated as dangerous goods.

ICAO Information:

**Further information:** Not regulated as dangerous goods.

IMDG Information:

**Further information:** Not regulated as dangerous goods.

### **International Bulk Chemical Code**

This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

### **Special precautions**

None

## **Section 15 - REGULATORY INFORMATION**

### **China Regulations**

**Law of the People's Republic of China on Prevention and Control of Occupational Diseases:**

**Catalogue of Occupational Hazard Factors**

None of this product's components are on the list.

**State Administration of Work Safety (SAWS) - List of Dangerous Chemicals**

None of this product's components are on the list.

**List of Dangerous Chemicals for Priority Management**

None of this product's components are on the list.

**Dangerous Goods List (GB 12268-2012)**

None of this product's components are on the list.

**Regulation of Environmental Management on the First Import of Chemicals and the Import and Export of Toxic Chemicals: Catalog of Toxic Chemicals Severely Restricted From Import and Export**

None of this product's components are on the list.

**Hazardous Chemicals Control Ordinance (HongKong)**

None of this product's components are on the list.

**Controlled Chemicals Schedule (HongKong)**

None of this product's components are on the list.

### **Information on International Conventions and Agreements**

**The Montreal Protocol on Substances that Deplete the Ozone Layer**

**Montreal Protocol**

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No components of this material are listed.

## **UNEP - Stockholm Convention - Persistent Organic Pollutants (POPs)**

### **Stockholm Convention**

No components of this material are listed.

## **UN/FAO/Rotterdam Convention - Chemicals Subject to Prior Informed Consent (PIC)**

No components of this material are listed.

## **Section 16 - OTHER INFORMATION**

### **NFPA Ratings**

Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

### **Summary of Changes**

New SDS: 9/12/2017

### **Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne - Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL - Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

### **Training advice**

Available upon request

### **Key literature references and sources for data**

Available upon request

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## **Other Information**

### **Disclaimer:**

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.