

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Issue date: 12/16/2020

Revision date: 12/16/2020

Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

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

Use of the substance/mixture : Ink for use in felt pens, Ink for use in stationary products

1.3. Details of the supplier of the safety data sheet

Manufacturer
edding International GmbH
Bookkoppel 7
22926 Ahrensburg Germany T +49 (0) 4102-808-0

Distributor
c/o MBCA/edding
2020 Ponce de Leon Blvd Suite 905B
Coral Gables, FL 33134
T +1 (305) 851-5631

Distributor

1.4. Emergency telephone number

Emergency number : +1 (305) 851-5631 (9AM-5PM ET)

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

GHS classification

Skin Irrit. 2
Eye Irrit. 2
Skin Sens. 1
STOT SE 1

2.2. Label elements

GHS labelling

Hazard pictograms (GHS) :



GHS07

GHS08

Signal word (GHS) :

Danger

Hazard statements (GHS) :

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Causes damage to organs.

Precautionary statements (GHS) :

Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection. If on skin: Wash with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. If exposed: Call a poison center/doctor. Wash contaminated clothing before reuse. Store locked up. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Carbon black	(CAS-No.) 1333-86-4	0.1 - 10
Ammonium hydroxide	(CAS-No.) 1336-21-6	0.25 - 1.25
Isopropyl alcohol	(CAS-No.) 67-63-0	0.1 - 1
Ethylene glycol	(CAS-No.) 107-21-1	0.1 - 5
2-Amino-2-methyl-1-propanol	(CAS-No.) 124-68-5	0.1 - 1
1,2-Benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5	0.05 - 0.15

Comments : The concentrations listed represent actual ranges that result from batch variability.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: IF ON SKIN: Wash with plenty of Water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Indication of any immediate medical attention and special treatment needed

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Foam. Water spray. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	: Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon.
-------------	---

5.3. Advice for firefighters

Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
--------------------------------	--

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning up : Sweep or shovel spills into appropriate container for disposal.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin and eyes. Do not breathe gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Ensure adequate ventilation. Keep away from food, drink and animal feeding stuffs.

Hygiene measures : Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Keep out of direct sunlight.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

No additional information available

Ammonium hydroxide (1336-21-6)

No additional information available

Isopropyl alcohol (67-63-0)

USA - ACGIH - Occupational Exposure Limits

ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL [ppm]	400 ppm
ACGIH chemical category	Not Classifiable as a Human Carcinogen

USA - ACGIH - Biological Exposure Indices

BEI	40 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift at end of workweek (background, nonspecific)
-----	---

USA - OSHA - Occupational Exposure Limits

OSHA PEL TWA [1]	980 mg/m³
OSHA PEL TWA [2]	400 ppm

USA - IDLH - Occupational Exposure Limits

IDLH [ppm]	2000 ppm (10% LEL)
------------	--------------------

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	980 mg/m ³
NIOSH REL TWA [ppm]	400 ppm
NIOSH REL STEL	1225 mg/m ³
NIOSH REL STEL [ppm]	500 ppm
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
No additional information available	
Ethylene glycol (107-21-1)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	25 ppm (vapor fraction)
ACGIH OEL STEL	10 mg/m ³ (inhalable particulate matter, aerosol only)
ACGIH OEL STEL [ppm]	50 ppm (vapor fraction)
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Carbon black (1333-86-4)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Carbon black
ACGIH OEL TWA	3 mg/m ³ (inhalable particulate matter)
Remark (ACGIH)	TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)
ACGIH chemical category	Confirmed Animal Carcinogen with Unknown Relevance to Humans
Regulatory reference	ACGIH 2020
USA - OSHA - Occupational Exposure Limits	
Local name	Carbon black
OSHA PEL TWA [1]	3.5 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
USA - IDLH - Occupational Exposure Limits	
IDLH	1750 mg/m ³
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	3.5 mg/m ³ 0.1 mg/m ³ (Carbon black in presence of Polycyclic aromatic hydrocarbons)
2-Amino-2-methyl-1-propanol (124-68-5)	
No additional information available	

8.2. Exposure controls

Appropriate engineering controls	: Ensure good ventilation of the work station.
Hand protection	: Wear suitable gloves resistant to chemical penetration.
Eye protection	: Wear eye/face protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Avoid release to the environment.
Other information	: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: No data available.
Colour	: Black, Green, Orange, Brown, Violet, bottle green, dark brown
Odour	: No data available

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Odour threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 100 °C (212 °F)
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C / 68 °F	: No data available
Relative density	: No data available
Solubility	: Water: Miscible
Partition coefficient n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. flames. Ignition sources.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified.
Acute toxicity (dermal)	: Not classified.
Acute toxicity (inhalation)	: Not classified.

Ammonium hydroxide (1336-21-6)

LD50 oral rat	350 mg/kg
ATE CA (oral)	350 mg/kg bodyweight

Isopropyl alcohol (67-63-0)

LD50 oral rat	5045 mg/kg
LD50 dermal rabbit	4059 mg/kg

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

Isopropyl alcohol (67-63-0)	
LC50 inhalation rat	72600 mg/m ³ (Exposure time: 4 h)
ATE CA (oral)	5045 mg/kg bodyweight
ATE CA (Dermal)	4059 mg/kg bodyweight
ATE CA (vapours)	72.6 mg/l/4h
ATE CA (dust,mist)	72.6 mg/l/4h

Ethylene glycol (107-21-1)	
LD50 oral rat	4700 mg/kg
LD50 dermal rat	10600 mg/kg
ATE CA (oral)	500 mg/kg bodyweight
ATE CA (Dermal)	10600 mg/kg bodyweight

2-Amino-2-methyl-1-propanol (124-68-5)	
LD50 oral rat	2900 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE CA (oral)	2900 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.

Isopropyl alcohol (67-63-0)	
IARC group	3 - Not classifiable

Ethylene glycol (107-21-1)	
NOAEL (chronic, oral, animal/male, 2 years)	1500 mg/kg bodyweight Animal: mouse, Animal sex: male, Remarks on results: other:Effect type: carcinogenicity (migrated information)

Carbon black (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans
In OSHA Hazard Communication Carcinogen list	Yes

Reproductive toxicity	: Not classified.
STOT-single exposure	: Causes damage to organs.

Ammonium hydroxide (1336-21-6)	
STOT-single exposure	May cause respiratory irritation.

Isopropyl alcohol (67-63-0)	
STOT-single exposure	May cause drowsiness or dizziness.

Ethylene glycol (107-21-1)	
STOT-single exposure	Causes damage to organs. May cause respiratory irritation.

STOT-repeated exposure	: Not classified.
Aspiration hazard	: Not classified.
Symptoms/effects after inhalation	: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact	: Causes skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information	: Likely routes of exposure: ingestion, inhalation, skin and eye.

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

Ammonium hydroxide (1336-21-6)

LC50 - Fish [1]	8.2 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 - Crustacea [1]	0.66 mg/l (Exposure time: 48 h - Species: water flea)
EC50 - Crustacea [2]	0.66 mg/l (Exposure time: 48 h - Species: Daphnia pulex)

Isopropyl alcohol (67-63-0)

LC50 - Fish [1]	9640 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	13299 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	11130 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

Ethylene glycol (107-21-1)

LC50 - Fish [1]	41000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 - Crustacea [1]	46300 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 - Fish [2]	14 – 18 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
NOEC (chronic)	≥ 1000 mg/l Test organisms (species): Americamysis bahia (previous name: Mysidopsis bahia) Duration: '23 d'
NOEC chronic crustacea	4.2 mg/l

2-Amino-2-methyl-1-propanol (124-68-5)

LC50 - Fish [1]	190 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [1]	193 mg/l (Exposure time: 48 h - Species: Daphnia magna)

12.2. Persistence and degradability

Edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Persistence and degradability	Not established.
-------------------------------	------------------

12.3. Bioaccumulative potential

Edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Bioaccumulative potential	Not established.
---------------------------	------------------

Isopropyl alcohol (67-63-0)

Partition coefficient n-octanol/water	0.05 (at 25 °C)
---------------------------------------	-----------------

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Partition coefficient n-octanol/water	1.3 (at 25 °C)
---------------------------------------	----------------

Ethylene glycol (107-21-1)

Partition coefficient n-octanol/water	-1.93
---------------------------------------	-------

2-Amino-2-methyl-1-propanol (124-68-5)

BCF - Fish [1]	< 1
----------------	-----

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Other information : No other effects known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

edding brilliant paper marker ink (black, green, orange, brown, violet) contained in: edding PTK25, edding 30, edding 33 / edding calligraphy marker ink (black, bottle green, dark brown) contained in: edding 1255, edding 1455

Safety Data Sheet

According to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 and the Hazardous Products Regulations (HPR) WHMIS 2015

SECTION 14: Transport information

Department of Transportation (DOT) and Transportation of Dangerous Goods (TDG)

In accordance with DOT/TDG

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

All components of this product are listed, or excluded from listing, on the Canadian DSL (Domestic Substances List) and NDSL (Non-Domestic Substances List) inventories.

15.2. International regulations

No additional information available

15.3. US State regulations



WARNING:

This product can expose you to Ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: Other information

Revision date : 12/16/2020
Other information : None.
Prepared by : Nexreg Compliance Inc.
www.Nexreg.com



SDS HazCom 2012 - WHMIS 2015 (NexReg)

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.