24583-2020



edding Permanent Marker Ink (black) contained $^{ exttt{ iny }}$ in: edding T 25, MTK 25, 3000, 3300, No. 1, 0,5

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 21 May 2019 Revision date: 24 July 2019 Version: 1.0.1

SECTION 1: Identification

Identification

Product form : Mixture

Trade name edding Permanent Marker Ink (black) contained in: edding T 25, MTK 25, 3000, 3300, No. 1,

Recommended use and restrictions on use

Use of the substance/mixture

Supplier

edding International GmbH

Bookkoppel 7 22926 Ahrensburg

Germany

T: +49 (0) 4102-808-0

sdb_info@umco.de

c/o MBCA/edding

2100 Ponce De Leon Blvd Ph 5

Coral Gables, FL 33134

USA

T: +1 (305) 851-5631

Emergency telephone number

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

SECTION 2: Hazard(s) identification

Classification of the substance or mixture

GHS-US classification

Flammable liquids Category 2 Serious eye damage/eye irritation Category 2 Specific target organ toxicity (single exposure) Category 3 May cause drowsiness or dizziness

Highly flammable liquid and vapor Causes serious eve irritation

GHS Label elements, including precautionary statements 2.2.

GHS US labeling

Hazard pictograms (GHS US)





Signal word (GHS US)

Hazard statements (GHS US)

: Danger

Highly flammable liquid and vapor Causes serious eye irritation

May cause drowsiness or dizziness

Precautionary statements (GHS US)

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No

Keep container tightly closed.

Take precautionary measures against static discharge.

Avoid breathing mist, spray, vapors. Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower

If inhaled: Remove person to fresh air and keep comfortable for breathing

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing

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If eye irritation persists: Get medical advice/attention. In case of fire: Use media other than water to extinguish.

Store in a well-ventilated place. Keep cool.

Store locked up.

Dispose of contents/container to hazardous or special waste collection point, in accordance

with local, regional, national and/or international regulation

Other hazards which do not result in classification

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

Substances

Not applicable

Mixtures 3.2.

| Name | Product identifier | % | GHS-US classification |
|---|----------------------|------|--|
| 1-methoxy-2-propanol, monopropylene glycol methyl ether | (CAS-No.) 107-98-2 | < 45 | Flam. Liq. 3, H226 STOT SE 3, H336 |
| Ethyl alcohol | (CAS-No.) 64-17-5 | < 30 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 |
| Poly(oxy-1,2-ethanediyl), .alphadecylomegahydroxy-, phosphate | (CAS-No.) 52019-36-0 | < 3 | Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

Description of first aid measures

First-aid measures after inhalation

First-aid measures after skin contact

First-aid measures after eye contact

First-aid measures after ingestion

- Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if breathing difficulty persists.
- Wash off with soap and plenty of water. Obtain medical attention if irritation persists.
- Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice and attention.
- Rinse mouth. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation

: May cause drowsiness or dizziness.

Symptoms/effects after skin contact

: Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/effects after eve contact

: Causes serious eve irritation.

Symptoms/effects after ingestion

Not expected to present a significant ingestion hazard under anticipated conditions of normal

Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Alcohol-resistant foam. dry extinguishing powder. Carbon dioxide (CO2).

Unsuitable extinguishing media : Do not use water jet.

5.2. Specific hazards arising from the chemical

Fire hazard : Highly flammable liquid and vapor. On combustion, forms: carbon oxides (CO and CO2).

Explosion hazard : No direct explosion hazard.

Special protective equipment and precautions for fire-fighters

Firefighting instructions : Evacuate personnel to a safe area. Exercise caution when fighting any chemical fire.

: Do not enter fire area without proper protective equipment, including respiratory protection. Protection during firefighting

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

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

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

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

Emergency procedures : Ventilate area. Eliminate all ignition sources if safe to do so.

6.2. Environmental precautions

Do not discharge into drains or the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : No special decontamination procedures needed. Absorb remaining liquid with sand or inert

absorbent and remove to safe place. Collect spillage.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13: "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure adequate ventilation. Do not breathe vapors. Take precautionary measures against static discharge. Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures : Use good personal hygiene practices. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Wash contaminated clothing prior to re-use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Store tightly closed in a dry, cool and well-ventilated

place.

Incompatible materials : Acids. alkalis. Oxidizing agent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| 1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2) | | |
|--|--------------------------|---|
| ACGIH | Local name | 1-Methoxy-2-propanol |
| ACGIH | ACGIH TWA (ppm) | 50 ppm |
| ACGIH | ACGIH STEL (ppm) | 100 ppm |
| ACGIH | Remark (ACGIH) | Eye irr; CNS impair; A4 (Not classifiable as a Human Carcinogen: Agents which cause concern that they could be carcinogenic for humans but which cannot be assessed conclusively because of a lack of data. In vitro or animal studies do not provide indications of carcinogenicity which are sufficient to classify the agent into one of the other categories) |
| NIOSH | NIOSH REL (TWA) (mg/m³) | 360 mg/m³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 100 ppm |
| NIOSH | NIOSH REL (STEL) (mg/m³) | 540 mg/m³ |
| NIOSH | NIOSH REL (STEL) (ppm) | 150 ppm |
| Ethyl alcohol (64-17-5) | | |
| ACGIH | Local name | Ethanol |
| ACGIH | ACGIH STEL (ppm) | 1000 ppm |
| ACGIH | Remark (ACGIH) | TLV® Basis: URT irr. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| ACGIH | Regulatory reference | ACGIH 2018 |

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| Ethyl alcohol (64-17-5) | | |
|--|--------------------------------|--------------------------|
| OSHA | OSHA PEL (TWA) (mg/m³) | 1900 mg/m³ |
| OSHA | OSHA PEL (TWA) (ppm) | 1000 ppm |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| IDLH | US IDLH (ppm) | 3300 ppm (10% LEL) |
| NIOSH | NIOSH REL (TWA) (mg/m³) | 1900 mg/m³ |
| NIOSH | NIOSH REL (TWA) (ppm) | 1000 ppm |
| Poly(oxy-1,2-ethanediyl), .alphadecylomegahydroxy-, phosphate (52019-36-0) | | |
| Not applicable | | |

Appropriate engineering controls

No additional information available

Individual protection measures/Personal protective equipment

Hand protection:

Impermeable protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Long sleeved protective clothing

Respiratory protection:

An approved organic vapor respirator/supplied air or self-contained breathing apparatus must be used when vapor concentration exceeds applicable exposure limits

| SECTION 9: Physical and chemical properties | | |
|---|---------------------------|-----|
| 9.1. Information on basic physical and | I chemical properties | |
| Physical state | : Liquid | |
| Appearance | : Opaque. | |
| Color | : black | |
| Odor | : Characteristic | |
| Odor threshold | : No data available | |
| рН | : 4 | |
| Melting point | : No data available | |
| Freezing point | : No data available | |
| Boiling point | : 75 °C (167 °F) | |
| Flash point | : 18 °C (64.4 °F) | |
| Relative evaporation rate (butyl acetate=1) | : No data available | |
| Flammability (solid, gas) | : Not applicable. | |
| Vapor pressure | : No data available | |
| Vapor pressure at 50 °C | : < 110 kPa | |
| Relative vapor density at 20 °C | : No data available | |
| Relative density | : No data available | |
| Specific gravity / density | : 0.928 g/cm ³ | |
| Solubility | : No data available | |
| Log Pow | : No data available | |
| Auto-ignition temperature | : No data available | |
| Decomposition temperature | : No data available | |
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Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosion limits : No data available
Explosive properties : No data available
Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

10.5. Incompatible materials

Acids. alkalis. Oxidizing agent.

10.6. Hazardous decomposition products

On combustion, forms: carbon oxides (CO and CO2). Hydrogen.

SECTION 11: Toxicological information

| 11.1. Information on toxicological eff | ects |
|--|------|
|--|------|

Acute toxicity (oral) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

| 1-methoxy-2-propanol, monopropyl | ene glycol methyl ether (107-98-2) |
|----------------------------------|------------------------------------|
| LD50 oral rat | 5000 mg/kg |
| LD50 dermal rabbit | 13 g/kg |
| LC50 inhalation rat (mg/l) | > 6 mg/l/4h |
| LC50 inhalation rat (ppm) | > 7559 ppm (Exposure time: 6 h) |
| Ethyl alcohol (64-17-5) | |
| LD50 oral rat | 7060 mg/kg |
| LC50 inhalation rat (mg/l) | 124.7 mg/l/4h |

| Skin corrosion/irritation | : Not classified (Based on available data, the classification criteria are not met) |
|---------------------------|---|
| | |

pH: 4

Serious eye damage/irritation : Causes serious eye irritation

pH: 4

Respiratory or skin sensitization : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

Specific target organ toxicity – single exposure : May cause drowsiness or dizziness.

| | | 1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2) |
|--|--|--|
|--|--|--|

Specific target organ toxicity – single exposure May cause drowsiness or dizziness.

Specific target organ toxicity - repeated

exposure

: Not classified (Based on available data, the classification criteria are not met)

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Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

Viscosity, kinematic : No data available

Likely routes of exposure : Skin and eye contact. Ingestion. Inhalation.

Symptoms/effects after inhalation : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.

Symptoms/effects after eye contact : Causes serious eye irritation.

Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal

use.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : This material has not been tested for environmental effects.

| 1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2) | |
|--|--|
| LC50 fish 1 | 20.8 g/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 23300 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| Ethyl alcohol (64-17-5) | |
| LC50 fish 1 | 12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| LC50 other aquatic organisms 1 | 5012 mg/l 48 hours- daphnia |
| EC50 Daphnia 1 | 9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna) |
| LC50 fish 2 | > 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 2 | 2 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static]) |
| ErC50 (algae) | 275 mg/l |
| ErC50 (other aquatic plants) | 4432 mg/l |
| NOEC (acute) | 9.6 mg/l Daphnia magna |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| 1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2) | |
|--|--------|
| BCF fish 1 | < 2 |
| Log Pow | -0.437 |
| Ethyl alcohol (64-17-5) | |
| Log Pow | -0.32 |

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Recycle or dispose of in compliance with current legislation.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1263 Paint related material (1-methoxy-2-propanol, monopropylene glycol methyl ether), 3,

Ш

UN-No.(DOT) : UN1263

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Class (DOT)

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Proper Shipping Name (DOT)

: Paint related material

1-methoxy-2-propanol, monopropylene glycol methyl ether

: 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

Packing group (DOT) : III - Minor Danger Hazard labels (DOT) : 3 - Flammable liquid



DOT Packaging Non Bulk (49 CFR 173.xxx) DOT Packaging Bulk (49 CFR 173.xxx) DOT Special Provisions (49 CFR 172.102)

: 173

367 - For the purposes of documentation and package marking: a. The proper shipping name "Paint related material" may be used for consignments of packages containing "Paint" and "Paint related material" in the same package; b. The proper shipping name "Paint related material, corrosive, flammable" may be used for consignments of packages containing "Paint, corrosive, flammable" and "Paint related material, corrosive, flammable" in the same package; c. The proper shipping name "Paint related material, flammable, corrosive" may be used for consignments of packages containing "Paint, flammable, corrosive" and "Paint related material, flammable, corrosive" in the same package; and d. The proper shipping name "Printing ink related material" may be used for consignments of packages containing "Printing ink" and "Printing ink related material" in the same package

B1 - If the material has a flash point at or above 38 C (100 F) and below 93 C (200 F), then the bulk packaging requirements of 173.241 of this subchapter are applicable. If the material has a flash point of less than 38 C (100 F), then the bulk packaging requirements of 173.242 of this subchapter are applicable.

B52 - Notwithstanding the provisions of 173.24b of this subchapter, non-reclosing pressure relief devices are authorized on DOT 57 portable tanks.

B131 - When transported by highway, rail, or cargo vessel, waste Paint and Paint related material (UN1263; PG II and PG III), when in plastic or metal inner packagings of not more than 26.5 L (7 gallons), are excepted from the marking requirements in §172.301(a) and (c) and the labeling requirements in §172.400(a), when further packed in the following specification and non-specification bulk outer packagings and under the following conditions:

- a. Primary receptacles must conform to the general packaging requirements of subpart B of part 173 of this subchapter and may not leak. If they do leak, they must be overpacked in packagings conforming to the specification requirements of part 178 of this subchapter or in salvage packagings conforming to the requirements in §173.12 of this subchapter.
- b. Primary receptacles must be further packed in non-specification bulk outer packagings such as cubic yard boxes, plastic rigid-wall bulk containers, dump trailers, and roll-off containers. Bulk outer packagings must be liquid tight through design or by the use of lining materials.
- c. Primary receptacles may also be further packed in specification bulk outer packagings. Authorized specification bulk outer packagings are UN11G fiberboard intermediate bulk containers (IBC) and UN13H4 woven plastic, coated and with liner flexible intermediate bulk containers (FIBCs) meeting the Packing Group II performance level and lined with a plastic liner of at least 6 mil thickness.
- d. All inner packagings placed inside bulk outer packagings must be blocked and braced to prevent movement during transportation that could cause the container to open or fall over. Specification IBCs and FIBCs are to be secured to a pallet.

IB3 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1 and 31HA2, 31HB2, 31HN2, 31HD2 and 31HH2). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized, except for UN2672 (also see Special Provision IP8 in Table 2 for UN2672).

during transport, and tf is the temperature in degrees celsius of the liquid during filling. TP29 - A portable tank having a minimum test pressure of 1.5 bar (150.0 kPa) may be used provided the calculated test pressure is 1.5 bar or less based on the MAWP of the hazardous materials, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.

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DOT Packaging Exceptions (49 CFR 173.xxx) DOT Quantity Limitations Passenger aircraft/rail : 60 L (49 CFR 173.27) DOT Quantity Limitations Cargo aircraft only (49 : 220 L

CFR 175.75)

DOT Vessel Stowage Location : A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a

passenger vessel.

: 128

Emergency Response Guide (ERG) Number

Other information : No supplementary information available.

Transportation of Dangerous Goods

Not applicable

Transport by sea

: UN 1263 PAINT RELATED MATERIAL (1-methoxy-2-propanol; monopropylene glycol methyl Transport document description (IMDG)

ether), 3, III

UN-No. (IMDG) : 1263

Proper Shipping Name (IMDG) : PAINT RELATED MATERIAL

Class (IMDG) : 3 - Flammable liquids

Packing group (IMDG) : III - substances presenting low danger

Limited quantities (IMDG) : 5 L

Air transport

Transport document description (IATA) : UN 1263 Paint (1-methoxy-2-propanol, monopropylene glycol methyl ether), 3, III

UN-No. (IATA) Proper Shipping Name (IATA) : Paint

Class (IATA) : 3 - Flammable Liquids Packing group (IATA) : III - Minor Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

| 1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2) |
|---|
| Listed on the United States TSCA (Toxic Substances Control Act) inventory |
| Ethyl alcohol (64-17-5) |

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Poly(oxy-1,2-ethanediyl), .alpha.-decyl-.omega.-hydroxy-, phosphate (52019-36-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting

Rule, (40 CFR 711).

15.2. International regulations

CANADA

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

Listed on the Canadian DSL (Domestic Substances List)

Ethyl alcohol (64-17-5)

Listed on the Canadian DSL (Domestic Substances List)

Poly(oxy-1,2-ethanediyl), .alpha.-decyl-.omega.-hydroxy-, phosphate (52019-36-0)

Listed on the Canadian DSL (Domestic Substances List)

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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Ethyl alcohol (64-17-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

1-methoxy-2-propanol, monopropylene glycol methyl ether (107-98-2)

Listed on the AICS (Australian Inventory of Chemical Substances

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Ethyl alcohol (64-17-5)

Listed on IARC (International Agency for Research on Cancer)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Poly(oxy-1,2-ethanediyl), .alpha.-decyl-.omega.-hydroxy-, phosphate (52019-36-0)

Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on the Korean ECL (Existing Chemicals List)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

No additional information available

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date : 21 May 2019

: Conforms to ASTM D-4236. Other information

Full text of H-phrases:

| ••• | tox of 11 philades. | |
|-----|---------------------|-----------------------------------|
| | H225 | Highly flammable liquid and vapor |
| | H226 | Flammable liquid and vapor |
| | H315 | Causes skin irritation |
| | H319 | Causes serious eye irritation |
| | H336 | May cause drowsiness or dizziness |

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

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