

Safety Data Sheet

Date of issue: 3/7/2019

Revision date:

1. Chemical product and company identification

Product identifier

Trade name : Twin Tone
 Product code : 61544B(03),61524B(04),61543B(06),61542B(07),61541B(13),61504B(15),
 61538B(17),61537B(19),61518B(21),61507B(22),61545B(25),61546B(28),
 61513B(33),61512B(41),61505B(42),61539B(45),61523B(48),61525B(49),
 61502B(50),61535B(58),61520B(60),61521B(61),61516B(73),61515B(74),
 61511B(75),61510B(76),61509B(77),61522B(78),61508B(79),61536B(80),
 61519B(81),61506B(82),61517B(83),61540B(84),61503B(85),61514B(86)

Trade name : Twin Tone Bright 12pk
 Product code : 61500

Trade name : Twin Tone Pastel 12pk
 Product code : 61501

Trade name : Twin Tone Rainbow 12pk
 Product code : 61526

Recommended use of the chemical and restrictions on use

Recommended uses and restrictions : Marking Pen

Company information

Supplier

American Tombow, Inc.
 355 Satellite Boulevard N.E., Suite 300, Suwanee,
 GA 30024, U.S.A.
 T +1-678-318-3344
 F +1-678-318-3347

Manufacturer

Tombow Pencil Co., Ltd.
 114-8583
 6-10-12, Toshima Kita-Ku, Tokyo, Japan
 T 03-3912-1196(+81-3-3912-1196)
 F 03-3912-1371(+81-3-3912-1371)

Emergency telephone number

Emergency number : 800-424-9300(+1-703-527-3887)

2. Hazards identification

All Colors

Classification

Health hazards : Skin sensitisation : Category 1

Hazard pictograms



Signal word : Warning

H-statements : May cause an allergic skin reaction. (H317)

Precautionary statements

- Prevention : Avoid breathing dust/fume/gas/mist/vapours/spray. (P261)
Contaminated work clothing should not be allowed out of the workplace. (P272)
Wear protective gloves/protective clothing/eye protection/face protection. (P280)
- Response : IF ON SKIN: Wash with plenty of water/... (P302+P352)
Specific treatment (see supplemental first aid instruction on this label) (P321)
If on skin and if skin irritation or rash occurs, seek medical advice and attention. (P333+P313)
- Disposal : Take off contaminated clothing and wash it before reuse. (P362+P364)
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation (P501)

Specific Colors(22,25,75,80)

Classification

- Health hazards Skin sensitisation Category 1
Environmental hazards Chronic aquatic toxicity Category 3

Hazard pictograms



- Signal word : Warning
- H-statements : May cause an allergic skin reaction. (H317)
Harmful to aquatic life with long lasting effects. (H412)

Precautionary statements

- Prevention : Avoid breathing dust/fume/gas/mist/vapours/spray. (P261)
Contaminated work clothing should not be allowed out of the workplace. (P272)
Avoid release to the environment. (P273)
Wear protective gloves/protective clothing/eye protection/face protection. (P280)
- Response : IF ON SKIN: Wash with plenty of water/... (P302+P352)
Specific treatment (see supplemental first aid instruction on this label) (P321)
If on skin and if skin irritation or rash occurs, seek medical advice and attention. (P333+P313)
- Disposal : Take off contaminated clothing and wash it before reuse. (P362+P364)
Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation (P501)

3. Composition/information on ingredients

Product form : Mixture

Name	CAS-No.	Concentration (%)
Ethanol, 2,2'-oxybis-	111-46-6	Undisclosed
Water	7732-18-5	Undisclosed
Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone	55965-84-9	Undisclosed
Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-3',6'-dihydroxy-, disodium salt (C.I. Acid Red 87)	17372-87-1	Undisclosed
Spiro[isobenzofuran-1(3H),9'-[9H]xanthen]-3-one, 2',4',5',7'-tetrabromo-4,5,6,7-tetrachloro-3',6'-dihydroxy-, disodium salt (C.I. Acid Red 92)	18472-87-2	Undisclosed
Dye	Undisclosed	Undisclosed

Others	-	-
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4. First aid measures

First aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash skin with plenty of water.
Take off contaminated clothing.
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse eyes with water as a precaution.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Most Important Symptoms/Effects

- Symptoms/effects after skin contact : May cause an allergic skin reaction.

Other medical advice or treatment

- Other medical advice or treatment : Treat symptomatically.

5. Fire fighting measures

- Suitable extinguishing media : Water spray, Dry powder, Foam, Carbon dioxide
- Hazardous decomposition products in case of fire : Toxic fumes may be released
- Protection during firefighting : Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus.
Complete protective clothing.

6. Accidental release measures

For non-emergency personnel

- Emergency procedures : Ventilate spillage area.
Avoid contact with skin and eyes.
Avoid breathing dust/fume/gas/mist/vapours/spray.

For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment.
For further information refer to section 8: "Exposure controls/personal protection".

Environmental precautions

- Environmental precautions : Avoid release to the environment.

Methods and Equipment for Containment and Cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

7. Handling and storage

Handling

- Precautions for safe handling : Ensure good ventilation of the work station.
Avoid contact with skin and eyes.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear personal protective equipment.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace.

Wash contaminated clothing before reuse.
Do not eat, drink or smoke when using this product.
Always wash hands after handling the product.

Storage

Storage conditions : Store in a well-ventilated place.
Keep cool.

8. Exposure controls / Personal protection equipment

Appropriate engineering controls : Ensure good ventilation of the work station
Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear suitable protective clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment
Environmental exposure controls : Avoid release to the environment.

9. Physical and chemical properties

Physical state : Liquid
Colour : Various Colours
Odour : slight
Odour threshold (ppm) : No data available
pH : 5.5 - 10
Relative evaporation rate (butylacetate=1) : No data available
Melting point : Not applicable
Freezing point : No data available
Boiling point : No data available
Flash point : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Not applicable
Explosive limits (g/m³) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : About 1
Solubility : The product dissolves rapidly in water
Log Pow : No data available
Viscosity, dynamic: : 1 - 3
Viscosity, kinematic: : No data available

10. Stability and reactivity

Reactivity : The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : No dangerous reactions known under normal conditions of use.
Conditions to avoid : None under recommended storage and handling conditions (see section 7).
Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

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

- Acute toxicity (inhalation) : classification not possible (gas)
classification not possible (Vapour)
classification not possible (dust, mist)
- Skin corrosion/irritation : Not classified
pH: 5.5 - 10
- Serious eye damage/irritation : classification not possible
pH: 5.5 - 10
- Respiratory sensitisation : classification not possible
- Skin sensitisation : May cause an allergic skin reaction.
- Germ cell mutagenicity : classification not possible
- Carcinogenicity : classification not possible
- Reproductive toxicity : classification not possible
- STOT-single exposure : classification not possible
- STOT-repeated exposure : classification not possible
- Aspiration hazard : classification not possible

12. Ecological information

All Colors

- Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
- Acute aquatic toxicity : Not classified
- Hazardous to Aquatic Environment - Chronic Hazard : Not classified or Cannot be classified
- Hazardous to the ozone layer : Not classified or Cannot be classified
- Other adverse effects : No additional information available

Specific Colors(22,25,75,80)

- Ecology - general : Harmful to aquatic life with long lasting effects, Before neutralisation, the product may represent a danger to aquatic organisms.
- Acute aquatic toxicity : Not classified
- Hazardous to Aquatic Environment - Chronic Hazard : Not classified or Cannot be classified
- Hazardous to the ozone layer : Not classified or Cannot be classified
- Other adverse effects : No additional information available

13. Disposal considerations

- Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. Transport information

- UN number : Not applicable
- Proper Shipping Name : Not applicable
- Packing group : Not applicable
- Transport hazard class(es) : Not applicable
- Danger labels : -
- Marine pollutant : No

15. Regulatory information

TSCA status: All materials are listed on TSCA inventory.

California Proposition65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Observe local/regional/national/international regulation. No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

16. Other information

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable