

Safety Data Sheet

Issue date: 3/15/2019
Revision date: 5/7/2021

1. Chemical product and company identification

Product identifier

Trade name : DUAL BRUSH PEN AB-T***
Product code : 56501(020),56502(025),56503(026),56504(027),56505(055),56507(062),
56509(076),56510(090),56512(098),56513(126),56508(131),56514(133),
56516(158),56518(173),56519(177),56520(192),56521(195),56523(228),
56526(243),56527(245),56528(249),56532(277),56538(291),56534(296),
56535(312),56537(346),56544(373),56511(379),56515(401),56541(403),
56542(407),56549(443),56550(451),56551(452),56553(476),56554(491),
56555(493),56557(515),56558(526),56559(528),56561(533),56562(535),
56563(553),56564(555),56566(565),56560(569),56567(603),56568(606),
56569(620),56570(623),56571(636),56574(665),56575(673),56576(676),
56577(679),56578(685),56579(703),56580(723),56581(725),56583(743),
56584(755),56585(757),56586(761),56587(772),56589(800),56607(803),
56591(815),56588(817),56594(835),56595(837),56596(845),56597(847),
56598(850),56600(856),56601(873),56602(879),56603(885),56604(899),
56605(905),56599(910),56606(912),56608(925),56609(933),56610(942),
56611(946),56612(947),56613(969),56615(977),56616(985),56617(990),
56618(991),56619(992),56620(993),56621(N15),56622(N25),56626(N35),
56630(N45),56635(N49),56623(N52),56633(N55),56634(N57),
56636(N60),56637(N65),56639(N75),56641(N79),56643(N89),
56644(N95),56645(N00)

Recommended use of the chemical and restrictions on use

Recommended uses and restrictions : Marking Pen

Company information

Manufacturer
Tombow Pencil Co., Ltd.
6-10-12, Toshima, Kita-ku, Tokyo, 114-8583, Japan
TEL: +81-3-3912-1196
FAX: +81-3-3912-1371
Distributor
American Tombow, Inc.
355 Satellite Boulevard N.E., Suite 300, Suwanee, GA 30024, U.S.A.
TEL: +1-678-318-3344
FAX: +1-678-318-3347

Emergency telephone number

CHEMTREC
United States: 800-424-9300 24 hours everyday
International: +1-703-527-3887(Collect) 24 hours everyday

2. Hazards identification

Classification

Not classified, classification not possible, Not applicable

3. Composition/information on ingredients

Product form : Mixture

Name	CAS-No.	Concentration (%)
Water	7732-18-5	Undisclosed
Dye	Undisclosed	Undisclosed
Others	Undisclosed	Undisclosed

Article : PP, etc.

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 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/vapors/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/vapors/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

Color : No data available

Odor : slight

Odour threshold [ppm] : No data available

pH : No data available

Relative evaporation rate (butyl acetate=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

Vapor pressure : No data available

Relative vapor density at 20 °C : No data available

Relative density : No data available

Solubility : No data available

Partition coefficient n-octanol/water (Log Pow) : No data available

Viscosity, dynamic: : No data available

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) : Not classified (gas)
 : classification not possible (vapors)
 : classification not possible (dust, mist)
 Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Not classified
 Respiratory sensitization : classification not possible
 Skin sensitization : Not classified
 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

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
 Hazardous to the aquatic environment, short-term (acute) : Not classified
 Hazardous to Aquatic Environment - Chronic Hazard : Not classified
 Hazardous to the ozone layer : classification not possible
 Other adverse effects : No additional information available

13. Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

UN number : Not applicable
 Proper Shipping Name : Not applicable
 Packing group : Not applicable
 Transport hazard class(es) : Not applicable
 Hazard labels : Not applicable
 Special provision : Not applicable
 Marine pollutant : No
 Special transport precautions : Keep out of direct sunlight. Store in tightly closed, leak-proof containers.

15. Regulatory information

TSCA : All components of this product are listed, or excluded from listing, on the TSCA inventory.
 California Proposition 65 : This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm or has been assessed to be below OEHHA Safe Harbor exposure levels.

Observe local/regional/national/international regulation. A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
Other regulatory Information

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

Safety Data Sheet

Date of issue: 12/14/2018
Revision date: 03/25/2020

1. Chemical product and company identification

Product identifier

Trade name : XA WS-BH10C(6425200), XA WS-BS (6424951),XA WS-BH (6424950),XA WS-BH 49 (6425149),XA WS-BH 25 (6425125),XA WS-BH 28 (6425128),XA WS-BH 03 (6425103),XA WS-BH 07 (6425107),XA WS-BH 15 (6425115),XA WS-BH 18 (6425118),XA WS-BH 22 (6425122),XA WS-BH 31 (6425131),XA WS-BHBS (6424954),XA GCD-111 (6442111),XA GCD-112 (6442112),XA WS-TBS (6424952)

Product code : 56429,56418,56420,56421,56422,56423,56424,56425,56426,56427,56438,62038,82038,82039,82040

Recommended use of the chemical and restrictions on use

Recommended uses and restrictions : Marking Pen

Company information

Manufacturer
Tombow Pencil Co., Ltd.
6-10-12, Toshima, Kita-ku, Tokyo, 114-8583, Japan
TEL: +81-3-3912-1196
FAX: +81-3-3912-1371

Distributor
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TEL: +1-678-318-3344
FAX: +1-678-318-3347

Emergency telephone number

CHEMTREC
United States: 800-424-9300 24 hours everyday
International: +1-703-527-3887(Collect) 24 hours everyday

2. Hazards identification

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)

3. Composition/information on ingredients

Product form : Mixture

Name	CAS-No.	Concentration (%)
Water	7732-18-5	Undisclosed
Mixture, 3(2H)-isothiazolone, 5-chloro-2-methyl- with 2-methyl-3(2H)-isothiazolone	55965-84-9 (26172-55-4/2682-20-4)	Undisclosed
1,2-Benzisothiazolin-3-one	2634-33-5	Undisclosed
Others	Undisclosed	Undisclosed

Others are not contributing to the classification of this product.

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 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 and effects, both acute and delayed

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 material 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
Environmental exposure controls : Avoid release to the environment.

9. Physical and chemical properties

Physical state : Liquid
Colour : Various
Odour : Slight
Odour threshold (ppm) : No data available
pH : No data available
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 : No data available
Solubility : No data available
Log Pow : No data available
Viscosity, dynamic: : No data available
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 (vapours)
classification not possible (dust, mist)
- Skin corrosion/irritation : Not classified
- Serious eye damage/irritation : Not classified
- 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

- 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
- Hazardous to the ozone layer : classification not possible
- Other adverse effects : No additional information available

13. Disposal considerations

- Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

- UN number : Not applicable
- Proper Shipping Name : Not applicable
- Packing group : Not applicable
- Transport hazard class(es) : Not applicable
- Danger labels : Not applicable
- Special provisions : Not applicable
- Marine pollutant : No
- Special transport precautions : Keep out of direct sunlight. Store in tightly closed, leak-proof containers.

15. Regulatory information

- TSCA : All components of this product are listed, or excluded from listing, on the TSCA inventory.

California Proposition 65 : This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm. Observe local/regional/national/international regulation. A chemical safety assessment has not been carried out for the substance or the 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

Safety Data Sheet

Date of issue: 7/3/2019

1. Chemical product and company identification

Product identifier

Trade name : MONO Twin Permanent Marker
 Product code : 56500

Recommended use of the chemical and restrictions on use

Recommended uses and restrictions : Marking Pen

Company information

Manufacturer
 Tombow Pencil Co., Ltd.
 6-10-12, Toshima, Kita-ku, Tokyo, 114-8583, Japan
 TEL: +81-3-3912-1196
 FAX: +81-3-3912-1371
 Distributor
 American Tombow, Inc.
 355 Satellite Boulevard N.E., Suite 300, Suwanee, GA 30024, U.S.A.
 TEL: +1-678-318-3344
 FAX: +1-678-318-3347

Emergency telephone number

CHEMTREC
 United States: 800-424-9300 24 hours everyday
 International: +1-703-527-3887(Collect) 24 hours everyday

2. Hazards identification

Classification

Physical hazards	Flammable liquid	Category 3
Health hazards	Serious eye damage/irritation	Category 1
	Skin sensitisation	Category 1
	Reproductive toxicity	Category 1B
	Specific target organ toxicity - single exposure	Category 3 (Narcosis)
	Specific target organ toxicity - repeated exposure	Category 2

Hazard pictograms



Signal word : Danger
 H-statements : Flammable liquid and vapour. (H226)
 May cause an allergic skin reaction. (H317)
 Causes serious eye damage. (H318)
 May cause drowsiness or dizziness. (H336)
 May damage fertility or the unborn child. (H360)
 May cause damage to organs through prolonged or repeated exposure. (H373)

Precautionary statements

Prevention : Obtain special instructions before use. (P201)
 Do not handle until all safety precautions have been read and understood. (P202)
 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

- Keep container tightly closed. (P233)
 Ground/bond container and receiving equipment. (P240)
 Use explosion-proof electrical/ventilating/lighting equipment. (P241)
 Use only non-sparking tools. (P242)
 Take precautionary measures against static discharge. (P243)
 Do not breathe dust/fume/gas/mist/vapours/spray. (P260)
 Use only outdoors or in a well-ventilated area. (P271)
 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)
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. (P303+P361+P353)
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+P340)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
 If exposed or concerned: Get medical advice/attention. (P308+P313)
 Immediately call a POISON CENTER/doctor (P310)
 Call a POISON CENTER/doctor if you feel unwell. (P312)
 Get medical advice/attention if you feel unwell. (P314)
 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)
 Take off contaminated clothing and wash it before reuse. (P362+P364)
- Storage :
- In case of fire: Use ... to extinguish. (P370+P378)
 Store in a well-ventilated place. Keep container tightly closed. (P403+P233)
 Store in a well-ventilated place. Keep cool. (P403+P235)
 Store locked up. (P405)
- Disposal :
- 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 (%)
C.I. Solvent black 27	12237-22-8	Undisclosed
Resin	Undisclosed	Undisclosed
2-Propanol, 1-methoxy-	107-98-2	Undisclosed
2-Propanol	67-63-0	Undisclosed
1-Propanol	71-23-8	Undisclosed
Others	-	-

Product form : Article
 Body,Cap: PP
 Ink reserver: PET
 Tip: POM,PMMA

4. First aid measures

First aid measures

- First-aid measures general : IF exposed or concerned: Get medical advice/attention.
 First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
 First-aid measures after skin : Rinse skin with water/shower.

- contact : Take off immediately all contaminated clothing.
If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Call a physician immediately.
- First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

Most important symptoms and effects, both acute and delayed

- Symptoms/effects : May cause drowsiness or dizziness.
- Symptoms/effects after skin contact : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Serious damage to eyes.

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
- Fire hazard : Flammable liquid and vapour.
- 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 : No open flames, no sparks, and no smoking.
Only qualified personnel equipped with suitable protective equipment may intervene.
Do not breathe 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.
Notify authorities if product enters sewers or public waters.

Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.
Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

7. Handling and storage**Handling**

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground/bond container and receiving equipment.
Use only non-sparking tools.

- Take precautionary measures against static discharge.
 Flammable vapours may accumulate in the container.
 Use explosion-proof equipment.
 Wear personal protective equipment.
 Obtain special instructions before use.
 Do not handle until all safety precautions have been read and understood.
 Do not breathe dust/fume/gas/mist/vapours/spray.
 Use only outdoors or in a well-ventilated area.
 Avoid contact with skin and eyes.
- Hygiene measures : Separate working clothes from town clothes. Launder separately.
 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.
 Keep container tightly closed.
 Store locked up.
- Technical measures : Ground/bond container and receiving equipment.

8. Exposure controls / Personal protection equipment

- Appropriate engineering controls : Ensure good ventilation of the work station
- Environmental exposure controls : Avoid release to the environment.

9. Physical and chemical properties

- Physical state : Liquid
- Colour : Black
- Odour : characteristic
- Odour threshold (ppm) : No data available
- pH : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : Not applicable
- Freezing point : No data available
- Boiling point : No data available
- Flash point : 26.7 °C
- 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 : No data available
- Solubility : No data available
- Log Pow : No data available
- Viscosity, dynamic: : No data available
- Viscosity, kinematic: : No data available

10. Stability and reactivity

- Reactivity : Flammable liquid and vapour.
- Chemical stability : Stable under normal conditions.
- Possibility of hazardous : No dangerous reactions known under normal conditions of use.

reactions
 Conditions to avoid : Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
 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) : classification not possible
 Acute toxicity (inhalation) : classification not possible (gas)
 : classification not possible (vapours)
 : classification not possible (dust, mist)
 Skin corrosion/irritation : classification not possible
 Serious eye damage/irritation : Causes serious eye damage.
 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 : May damage fertility or the unborn child.
 STOT-single exposure : May cause drowsiness or dizziness.
 STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.
 Aspiration hazard : classification not possible

12. Ecological information

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

13. Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.
 Additional information : Flammable vapours may accumulate in the container.

14. Transport information

UN number : Not applicable (as per special provision)
 Proper Shipping Name : Not applicable (as per special provision)
 Packing group : Not applicable (as per special provision)
 Transport hazard class(es) : Not applicable (as per special provision)
 Danger labels : Not applicable (as per special provision)
 Special provisions : 274
 A46
 Marine pollutant : No (as per specific provision)
 Special transport precautions : Keep out of direct sunlight. Store in tightly closed, leak-proof containers.

15. Regulatory information

TSCA : All components of this product are listed, or excluded from listing, on the TSCA inventory.
 California Proposition 65 : This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.
 Observe local/regional/national/international regulation. A chemical safety assessment has not been carried out for

the substance or the 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

Safety Data Sheet

Date of issue: 9/27/2019

1. Chemical product and company identification

Product identifier

Trade name : MONO Drawing Pencil 6B,5B,4B,3B,2B,B,HB,F,H,2H,3H,4H,5H,6H
 Product code : 51503,51504,51505,51506,51507,51508,51509,51510,51511,51512,51513,51514,51515,51516

Recommended use of the chemical and restrictions on use

Recommended uses and restrictions : Pencil

Company information

Manufacturer
 Tombow Pencil Co., Ltd.
 6-10-12, Toshima, Kita-ku, Tokyo, 114-8583, Japan
 TEL: +81-3-3912-1196
 FAX: +81-3-3912-1371
 Distributor
 American Tombow, Inc.
 355 Satellite Boulevard N.E., Suite 300, Suwanee, GA 30024, U.S.A.
 TEL: +1-678-318-3344
 FAX: +1-678-318-3347

Emergency telephone number

CHEMTREC
 United States: 800-424-9300 24 hours everyday
 International: +1-703-527-3887(Collect) 24 hours everyday

2. Hazards identification

Classification

Not classified, classification not possible, Not applicable

3. Composition/information on ingredients

Product form : Mixture

Name	CAS-No.	Concentration (%)
Graphite	7782-42-5	Undisclosed
Kaolin	1332-58-7	Undisclosed
Others	-	-

Product form : Article
 Body: Wood

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.
 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.

Other medical advice or treatment

- Other medical advice or treatment : Treat symptomatically.

5. Fire fighting measures

- Suitable extinguishing media : Water spray, Dry powder, Foam
 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.

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 material for containment and cleaning up

- Methods for cleaning up : Mechanically recover the product.
 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.
 Wear personal protective equipment.
 Hygiene measures : 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
 Environmental exposure controls : Avoid release to the environment.

9. Physical and chemical properties

Physical state	:	Solid
Colour	:	Black
Odour	:	odourless
Odour threshold (ppm)	:	No data available
pH	:	No data available
Relative evaporation rate (butylacetate=1)	:	No data available
Melting point	:	No data available
Freezing point	:	Not applicable
Boiling point	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	No data available
Flammability (solid, gas)	:	Non flammable.
Explosive limits (g/m ³)	:	No data available
Vapour pressure	:	No data available
Relative vapour density at 20 °C	:	No data available
Relative density	:	No data available
Solubility	:	No data available
Log Pow	:	No data available
Viscosity, dynamic:	:	No data available
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)	:	classification not possible
Acute toxicity (dermal)	:	classification not possible
Acute toxicity (inhalation)	:	classification not possible (gas) Not applicable (vapours) classification not possible (dust, mist)
Skin corrosion/irritation	:	classification not possible
Serious eye damage/irritation	:	Not classified
Respiratory sensitisation	:	classification not possible
Skin sensitisation	:	classification not possible
Germ cell mutagenicity	:	classification not possible
Carcinogenicity	:	classification not possible
Reproductive toxicity	:	classification not possible
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	classification not possible
Aspiration hazard	:	classification not possible

12. Ecological information

Ecology - general	:	The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.
Acute aquatic toxicity	:	classification not possible

Hazardous to Aquatic : classification not possible
 Environment - Chronic Hazard
 Hazardous to the ozone layer : classification not possible
 Other adverse effects : No additional information available

13. Disposal considerations

Waste treatment methods : Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

UN number : Not applicable
 Proper Shipping Name : Not applicable
 Packing group : Not applicable
 Transport hazard class(es) : Not applicable
 Danger labels : Not applicable
 Special provisions : Not applicable
 Marine pollutant : No
 Special transport precautions : Keep out of direct sunlight.Store in tightly closed, leak-proof containers.

15. Regulatory information

TSCA : All components of this product are listed, or excluded from listing, on the TSCA inventory.
 California Proposition 65 : This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.
 Observe local/regional/national/international regulation.A chemical safety assessment has not been carried out for the substance or the 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

SAFETY DATA SHEET

First Issue: Sep. 1, 2016

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

1.1 Product identifiers
Product name: MONO PLASTIC ERASER
Product code: 57320, 57323, 57332

1.2 Relevant identified uses of the substance or mixture and uses advised against
General use: Erase words and pictures written on papers

1.3 Details of the supplier of the safety data sheet
Manufacturer: Tombow Pencil Co., Ltd.
Address: 6-10-12, Toshima, Kita-ku, Tokyo 114-8583, Japan
TEL: +81-3-3912-1196
FAX: +81-3-3912-1371
Importer: American Tombow, Inc.
Address: 355 Satellite Boulevard N.E., Suite 300, Suwanee, GA 30024
TEL: +1-678-318-3344
FAX: +1-678-318-3347

1.4 Emergency telephone number
CHEMTREC
United States: 800-424-9300
24 hours everyday
International: +1-703-527-3887 (Collect)
24 hours everyday
Nontransportation
American Tombow, Inc.
TEL: +1-678-318-3344 (9am - 6pm, EST, M-F)
Tombow Pencil Co., Ltd.
TEL: +81-3-3912-1196 (9am - 5:30pm, Japan Time, M-F)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Not a hazardous substance or mixture according to 29 CFR 1910 (OSHA HCS).

2.2 Label elements
The product does not need to be labelled in accordance with 29 CFR 1910 (OSHA HCS).

2.3 Other hazards: No data available

SECTION 3: Composition/information on ingredients

3.2 Mixtures
This product is composed of a combination of two components, sleeve and eraser.
Sleeve: Paper

Eraser: The composition is as follows.

Chemical Name	CAS number	Concentration (wt%)
PVC	Trade secret	Trade secret
Plastizer	Trade secret	Trade secret
Calcium carbonate	471-34-1	Trade secret

SECTION 4: First aid measures

- 4.1 Description of first aid measures
- General information: This product is an eraser, and use is that erase words and pictures written on papers. Avoid any other uses.
- Following inhalation: Remove victim to fresh air.
- Following skin contact: Wash with soap and water.
- Following eye contact: Rinse cautiously with water for several minutes. Get medical advice/attention, if you feel unwell.
- Following ingestion: Rinse mouth. Get medical advice/attention, if you feel unwell.
- Self-protective of the first aider: No data available
- 4.2 Most important symptoms and effects, both acute and delayed: No data available
- 4.3 Indication of any immediate medical attention and special treatment needed: No data available

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- Suitable extinguishing media: Dry chemical powder, CO₂, foam, sands, water spray
- Unsuitable extinguishing media: No data available
- 5.2 Special hazards arising from the substance or mixture: No data available
- 5.3 Advice for firefighters: No data available

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
- 6.1.1 For non-emergency personnel: Avoid contact with eyes. Ensure adequate ventilation.
- 6.1.2 For emergency responders: No data available
- 6.2 Environmental precautions: Avoid discharge into water courses or onto the ground.
- 6.3 Methods and material for containment and cleaning up
- 6.3.1 For containment: Wipe off with waste cloths.

- 6.3.2 For cleaning up: Wipe off with waste cloths.
- 6.3.3 Other information: No data available
- 6.4 Reference to other sections: No data available

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling:
 - Protective measures: Avoid contact with eyes.
 - Measures to prevent fire: Keep away from heat, sparks and open flame.
 - Measures to prevent aerosol and dust generation: No data available
 - Measures to protect the environment: Avoid discharge into water courses or onto the ground.
 - Advice on general occupational hygiene: Avoid contact with eyes.

- 7.2 Conditions for safe storage, including any incompatibilities:
 - Technical measures and storage conditions: Avoid high temperature. Keep away from heat, sparks and open flame.
 - Packaging materials: This product is composed of a combination of sleeve and eraser, and the sleeve contains the eraser.

- 7.3 Specific end use(s):
 - Requirements for storage rooms and vessels: Avoid high temperature. Keep away from heat, sparks and open flame.
 - Recommendations: Erase words and pictures written on papers.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters: No data available
- 8.2 Occupational exposure limit: No data available
- 8.2 Exposure controls: Usually, it is unnecessary.
- 8.2.1 Appropriate engineering controls: No data available
- 8.2.2 Personal protective equipment: No data available
- 8.2.3 Environmental exposure controls: No data available

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

SECTION 10: Stability and Reactivity

9.2	Other information:	No data available
	a) Appearance	Solid
	b) Odour:	Little
	c) Odour threshold:	No data available
	d) pH:	No data available
	e) Melting point:	No data available
	f) Initial boiling point and boiling range:	No data available
	g) Flash point:	No data available
	h) Evaporation rate:	No data available
	i) Flammability (solid):	No data available
	j) Upper/lower flammability or explosive limits:	No data available
	k) Vapour pressure:	No data available
	l) Vapour density:	No data available
	m) Relative density:	No data available
	n) Solubility:	No data available
	o) Partition coefficient: n-octanol/water:	No data available
	p) Auto-ignition temperature:	No data available
	q) Decomposition temperature:	No data available
	r) Viscosity:	No data available
	s) Explosive properties:	No data available
	t) Oxidising properties:	No data available

SECTION 11: Toxicological information

10.1	Reactivity:	Stable usually.
10.2	Chemical stability:	Stable usually.
10.3	Possibility of hazardous reactions:	No data available
10.4	Conditions to avoid:	High temperature
10.5	Incompatible materials:	No data available
10.6	Hazardous decomposition products:	No data available
471-34-1	Acute toxicity:	LD50 Oral - Rat - 6,450 mg/kg [1]
471-34-1	Skin corrosion/irritation:	Skin - Rabbit, Result: No skin irritation [1]
471-34-1	Serious eye damage/eye irritation:	Eyes - Rabbit, Result: Mild eye irritation [1]
	Respiratory or skin sensitization:	No data available
	Germ cell mutagenicity:	No data available

Carcinogenicity: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

Aspiration hazard: No data available

SECTION 12: Ecological information

12.1 Toxicity: No data available

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Results of PBT and vPvB assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects: No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product / Packaging disposal:

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

13.1.2 Waste treatment-relevant information: No data available

13.1.3 Sewage disposal-relevant information: No data available

13.1.4 Other disposal recommendations: No data available

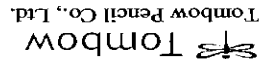
SECTION 14: Transport information

This product is not classified as a hazardous material by United Nations Recommendations on the Transport of Dangerous Goods.

14.1 UN number: Not Classified

14.2 UN proper shipping name: Not Classified

14.3 Transport hazard class: Not Classified



14.4 Packing group: Not Classified

14.5 Environmental hazards: Not Classified

14.6 Special precautions for user: Not Classified

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Federal regulations

OSHA status: Not a hazardous substance or mixture according to 29

CFR 1910 (OSHA HCS).

All materials are listed on Inventory.

TSCA status:

CERCLA (40 CFR 302):

None

Clean Water Act (40 CFR 116):

None

Clean Air Act Amendments of 1990 (40 CFR 82):

None

SARA Section 302 (40 CFR 355):

None

SARA Section 313 (40 CFR 372):

None

SARA Section 311/312 (40 CFR 370):

None

State regulations

California Safe Drinking Water and Toxics Enforcement Act of 1986 (Proposition 65):

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

Massachusetts Right to Know Act:

No components are subject to the Massachusetts Right to Know Act.

New Jersey Worker and Community Right to Know Act:

Calcium carbonate (471-34-1) is listed.

Pennsylvania Hazardous Substance List:

Calcium carbonate (471-34-1) is listed.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Reference: [] SDS of Sigma-Aldrich

The above information is as of the date of issue, and is based on our present knowledge. However, the information shall not constitute any guarantees for any specific product features, and shall not establish any legally valid contractual relationships.