

TOMBOW PENCIL CO., LTD.

1/3

No.SDS-E981113-0-4

SAFETY DATA SHEET

Prepared date: Nov. 13, 1998
 Revised date: Apr. 25, 2014

1. PRODUCT & COMPANY IDENTIFICATION

Product name : "Dual Brush-Pen AB-T"
 Product code :AB-T
 Color :95 colors and N00(Blender pen)
 Company name : TOMBOW PENCIL CO., LTD.
 Address : 6-10-12, Toshima Kita-Ku Tokyo 114-8583, Japan
 Department : CSR Group
 Phone : +81-3-3912-1308
 FAX : +81-3-3914-0040
 Use of the product : Drawing

2. HAZARDS IDENTIFICATION

GHS Classification: No specific information. Classification not possible.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common name : Marking pen

<u>Parts</u>	<u>Ingredients</u>
Body	PP resin
Brush	Nylon resin
Pen Tip	PET resin
Ink	Water Diethylene glycol Acid based dye (excluding N00(Blender pen)) Others

4. FIRST-AID MEASURES

Inhalation : Remove victim to fresh air.
 Skin contact : Wash with water with soap.
 Eye contact : Rinse cautiously with water. Get medical advice/attention.
 Ingestion : Rinse mouth. Get medical advice/attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: dry chemical powder, CO2, foam, sands, water spray

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin and eyes. Ensure adequate ventilation.
 Protective equipment and emergency procedures: Gloves and goggles

Item Numbers: 21334-0000, 21334-0069, 21334-0100, 21334-0109, 21334-0969, 21334-1069, 21334-1109, 21334-1169, 21334-1449, 21334-1809, 21334-1819, 21334-1829, 21334-1839, 21334-2000, 21334-2009, 21334-2020, 21334-2069, 21334-2109, 21334-2119, 21334-2169, 21334-2219, 21334-2256, 21334-2269, 21334-2319, 21334-2330, 21334-2369, 21334-2476, 21334-2506, 21334-2569, 21334-2611, 21334-2616, 21334-2706, 21334-2716, 21334-2801, 21334-2802, 21334-2803, 21334-2806, 21334-2811, 21334-2814, 21334-2816, 21334-2821, 21334-2822, 21334-2826, 21334-2833, 21334-2844, 21334-2846, 21334-2852, 21334-2855, 21334-2856, 21334-2866, 21334-2876, 21334-2877, 21334-2886, 21334-2888, 21334-2899, 21334-3000, 21334-3001, 21334-3002, 21334-3006, 21334-3046, 21334-3050, 21334-3060, 21334-3066, 21334-3080, 21334-3086, 21334-3109, 21334-3119, 21334-3129, 21334-3139, 21334-3139, 21334-3149, 21334-3150, 21334-3156, 21334-3159, 21334-3160, 21334-3161, 21334-3166, 21334-3240, 21334-3246, 21334-3291, 21334-3296, 21334-3351, 21334-3450, 21334-3451, 21334-3452, 21334-3456, 21334-3460, 21334-3516, 21334-3631, 21334-3641, 21334-3642, 21334-3646, 21334-3701, 21334-3710, 21334-3711, 21334-3712, 21334-3716, 21334-3721, 21334-3722, 21334-3726, 21334-3731, 21334-3732, 21334-3736, 21334-3741, 21334-3742, 21334-3746, 21334-3756, 21334-3766, 21334-3771, 21334-3781, 21334-3801, 21334-3806, 21334-3810, 21334-3910, 21334-3911, 21334-3916, 21334-3920, 21334-3926, 21334-4016, 21334-4031, 21334-4036, 21334-4040, 21334-4046, 21334-4051, 21334-4056, 21334-4061, 21334-4062, 21334-4106, 21334-4150, 21334-4156, 21334-4166, 21334-4291, 21334-4296, 21334-4400, 21334-4406, 21334-4500, 21334-4506, 21334-4516, 21334-4600, 21334-4626, 21334-4660, 21334-4666, 21334-4756, 21334-4810, 21334-4816, 21334-4836, 21334-4910, 21334-4916, 21334-5021, 21334-5026, 21334-5041, 21334-5042, 21334-5070, 21334-5076, 21334-5086, 21334-5090, 21334-5091, 21334-5092, 21334-5096, 21334-5106, 21334-5110, 21334-5126, 21334-5160, 21334-5166, 21334-5180, 21334-5186, 21334-5210, 21334-5216, 21334-5230, 21334-5236, 21334-5280, 21334-5286, 21334-5316, 21334-5366, 21334-5410, 21334-5416, 21334-5460, 21334-5466, 21334-5546, 21334-5560, 21334-5566, 21334-5590, 21334-5596, 21334-5771, 21334-5772, 21334-5806, 21334-5906, 21334-5911, 21334-5912, 21334-5916, 21334-5926, 21334-5936, 21334-5996, 21334-6000, 21334-6001, 21334-6002, 21334-6006, 21334-6011, 21334-6031, 21334-6036, 21334-6040, 21334-6046, 21334-6106, 21334-6171, 21334-6172, 21334-6176, 21334-6410, 21334-6416, 21334-6420, 21334-6426, 21334-6466, 21334-6500, 21334-6506, 21334-6510, 21334-6616, 21334-6626, 21334-7000, 21334-7006, 21334-7010, 21334-7016, 21334-7031, 21334-7032, 21334-7056, 21334-7090, 21334-7096, 21334-7151, 21334-7176, 21334-7209, 21334-7221, 21334-7226, 21334-7236, 21334-7241, 21334-7246, 21334-7276, 21334-7336, 21334-7340, 21334-7461, 21334-7466, 21334-7486, 21334-7501, 21334-7506, 21334-7510, 21334-7516, 21334-7526, 21334-7536, 21334-7610, 21334-7710, 21334-7766, 21334-7810, 21334-7816, 21334-7840, 21334-7846, 21334-7866, 21334-7901, 21334-7906, 21334-7910, 21334-7911, 21334-7916, 21334-7920, 21334-7926, 21334-7936, 21334-7941, 21334-7946, 21334-8000, 21334-8006, 21334-8016, 21334-8040, 21334-8046, 21334-8101, 21334-8106, 21334-8230, 21334-8231, 21334-8420, 21334-8510, 21334-8511, 21334-8610, 21334-8910, 21334-8911, 21334-8916, 21334-9036

TOMBOW PENCIL CO., LTD.

2/3

No.SDS-E981113-0-4

Environmental precautions: Avoid discharge into water courses or onto the ground.

Methods and materials for containment and cleaning up: Wipe off with waste cloths.

7. HANDLING AND STORAGE

Precautions for safe handling: Ensure adequate ventilation.

Conditions for safe storage: Put the cap. Avoid high temperature.

Keep away from heat, sparks and open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limit : No data

Appropriate engineering controls : Usually, it's unnecessary.

Individual protection measures : Usually, it's unnecessary.

9. PHYSICAL AND CHEMICAL PROPERTIES (INFORMATION ABOUT INK)

Appearance

Physical state : Liquid

Odour : Little

pH : No data

Melting point/freezing point : about -5°C

Initial boiling point & boiling range : (in case of water) about 100°C

Relative density : No data

Solubility(ies) : Can be diluted with water.

10. STABILITY AND REACTIVITY

Reactivity : Stable usually.

11. TOXICOLOGICAL INFORMATION (ABOUT INGREDIENTS)

(Diethylene glycol) Acute toxicity: CLP Classification` Acute Tox. 4` `Harmful if swallowed.`

Carcinogenicity: No data (IARC)

12. ECOLOGICAL INFORMATION

No Information :

13. DISPOSAL CONSIDERATIONS

Observe the law/regulation of your country.

14. TRANSPORT INFORMATION

UN number :NA

15. REGULATORY INFORMATION

Observe the law and/or regulation of your country about this material.

Item Numbers: 21334-0000, 21334-0069, 21334-0100, 21334-0109, 21334-0969, 21334-1069, 21334-1109, 21334-1169, 21334-1449, 21334-1809, 21334-1819, 21334-1829, 21334-1839, 21334-2000, 21334-2009, 21334-2020, 21334-2069, 21334-2109, 21334-2119, 21334-2169, 21334-2219, 21334-2256, 21334-2269, 21334-2319, 21334-2330, 21334-2369, 21334-2476, 21334-2506, 21334-2569, 21334-2611, 21334-2616, 21334-2706, 21334-2716, 21334-2801, 21334-2802, 21334-2803, 21334-2806, 21334-2811, 21334-2814, 21334-2816, 21334-2821, 21334-2822, 21334-2826, 21334-2833, 21334-2844, 21334-2846, 21334-2852, 21334-2855, 21334-2856, 21334-2866, 21334-2876, 21334-2877, 21334-2886, 21334-2888, 21334-2899, 21334-3000, 21334-3001, 21334-3002, 21334-3006, 21334-3046, 21334-3050, 21334-3060, 21334-3066, 21334-3080, 21334-3086, 21334-3109, 21334-3119, 21334-3129, 21334-3139, 21334-3149, 21334-3150, 21334-3156, 21334-3159, 21334-3160, 21334-3161, 21334-3166, 21334-3240, 21334-3246, 21334-3291, 21334-3296, 21334-3351, 21334-3450, 21334-3451, 21334-3452, 21334-3456, 21334-3460, 21334-3516, 21334-3631, 21334-3641, 21334-3642, 21334-3646, 21334-3701, 21334-3710, 21334-3711, 21334-3712, 21334-3716, 21334-3721, 21334-3722, 21334-3726, 21334-3731, 21334-3732, 21334-3736, 21334-3741, 21334-3742, 21334-3746, 21334-3756, 21334-3766, 21334-3771, 21334-3781, 21334-3801, 21334-3806, 21334-3810, 21334-3910, 21334-3911, 21334-3916, 21334-3920, 21334-3926, 21334-4016, 21334-4031, 21334-4036, 21334-4040, 21334-4046, 21334-4051, 21334-4056, 21334-4061, 21334-4062, 21334-4106, 21334-4150, 21334-4156, 21334-4166, 21334-4291, 21334-4296, 21334-4400, 21334-4406, 21334-4500, 21334-4506, 21334-4516, 21334-4600, 21334-4626, 21334-4660, 21334-4666, 21334-4756, 21334-4810, 21334-4816, 21334-4836, 21334-4910, 21334-4916, 21334-5021, 21334-5026, 21334-5041, 21334-5042, 21334-5070, 21334-5076, 21334-5086, 21334-5090, 21334-5091, 21334-5092, 21334-5096, 21334-5106, 21334-5110, 21334-5126, 21334-5160, 21334-5166, 21334-5180, 21334-5186, 21334-5210, 21334-5216, 21334-5230, 21334-5236, 21334-5280, 21334-5286, 21334-5316, 21334-5366, 21334-5410, 21334-5416, 21334-5460, 21334-5466, 21334-5546, 21334-5560, 21334-5566, 21334-5590, 21334-5596, 21334-5771, 21334-5772, 21334-5806, 21334-5906, 21334-5911, 21334-5912, 21334-5916, 21334-5926, 21334-5936, 21334-5996, 21334-6000, 21334-6001, 21334-6002, 21334-6006, 21334-6011, 21334-6031, 21334-6036, 21334-6040, 21334-6046, 21334-6106, 21334-6171, 21334-6172, 21334-6176, 21334-6410, 21334-6416, 21334-6420, 21334-6426, 21334-6466, 21334-6500, 21334-6506, 21334-6510, 21334-6616, 21334-6626, 21334-7000, 21334-7006, 21334-7010, 21334-7016, 21334-7031, 21334-7032, 21334-7056, 21334-7090, 21334-7096, 21334-7151, 21334-7176, 21334-7209, 21334-7221, 21334-7226, 21334-7236, 21334-7241, 21334-7246, 21334-7276, 21334-7336, 21334-7340, 21334-7461, 21334-7466, 21334-7486, 21334-7501, 21334-7506, 21334-7510, 21334-7516, 21334-7526, 21334-7536, 21334-7610, 21334-7710, 21334-7766, 21334-7810, 21334-7816, 21334-7840, 21334-7846, 21334-7866, 21334-7901, 21334-7906, 21334-7910, 21334-7911, 21334-7916, 21334-7920, 21334-7926, 21334-7936, 21334-7941, 21334-7946, 21334-8000, 21334-8006, 21334-8016, 21334-8040, 21334-8046, 21334-8101, 21334-8106, 21334-8230, 21334-8231, 21334-8420, 21334-8510, 21334-8511, 21334-8610, 21334-8910, 21334-8911, 21334-8916, 21334-9036

TOMBOW PENCIL CO., LTD.

3/3

No.SDS-E981113-0-4

16. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Item Numbers: 21334-0000, 21334-0069, 21334-0100, 21334-0109, 21334-0969, 21334-1069, 21334-1109, 21334-1169, 21334-1449, 21334-1809, 21334-1819, 21334-1829, 21334-1839, 21334-2000, 21334-2009, 21334-2020, 21334-2069, 21334-2109, 21334-2119, 21334-2169, 21334-2219, 21334-2256, 21334-2269, 21334-2319, 21334-2330, 21334-2369, 21334-2476, 21334-2506, 21334-2569, 21334-2611, 21334-2616, 21334-2706, 21334-2716, 21334-2801, 21334-2802, 21334-2803, 21334-2806, 21334-2811, 21334-2814, 21334-2816, 21334-2821, 21334-2822, 21334-2826, 21334-2833, 21334-2844, 21334-2846, 21334-2852, 21334-2855, 21334-2856, 21334-2866, 21334-2876, 21334-2877, 21334-2886, 21334-2888, 21334-2899, 21334-3000, 21334-3001, 21334-3002, 21334-3006, 21334-3046, 21334-3050, 21334-3060, 21334-3066, 21334-3080, 21334-3086, 21334-3109, 21334-3119, 21334-3129, 21334-3139, 21334-3149, 21334-3150, 21334-3156, 21334-3159, 21334-3160, 21334-3161, 21334-3166, 21334-3240, 21334-3246, 21334-3291, 21334-3296, 21334-3351, 21334-3450, 21334-3451, 21334-3452, 21334-3456, 21334-3460, 21334-3516, 21334-3631, 21334-3641, 21334-3642, 21334-3646, 21334-3701, 21334-3710, 21334-3711, 21334-3712, 21334-3716, 21334-3721, 21334-3722, 21334-3726, 21334-3731, 21334-3732, 21334-3736, 21334-3741, 21334-3742, 21334-3746, 21334-3756, 21334-3766, 21334-3771, 21334-3781, 21334-3801, 21334-3806, 21334-3810, 21334-3910, 21334-3911, 21334-3916, 21334-3920, 21334-3926, 21334-4016, 21334-4031, 21334-4036, 21334-4040, 21334-4046, 21334-4051, 21334-4056, 21334-4061, 21334-4062, 21334-4106, 21334-4150, 21334-4156, 21334-4166, 21334-4291, 21334-4296, 21334-4400, 21334-4406, 21334-4500, 21334-4506, 21334-4516, 21334-4600, 21334-4626, 21334-4660, 21334-4666, 21334-4756, 21334-4810, 21334-4816, 21334-4836, 21334-4910, 21334-4916, 21334-5021, 21334-5026, 21334-5041, 21334-5042, 21334-5070, 21334-5076, 21334-5086, 21334-5090, 21334-5091, 21334-5092, 21334-5096, 21334-5106, 21334-5110, 21334-5126, 21334-5160, 21334-5166, 21334-5180, 21334-5186, 21334-5210, 21334-5216, 21334-5230, 21334-5236, 21334-5280, 21334-5286, 21334-5316, 21334-5366, 21334-5410, 21334-5416, 21334-5460, 21334-5466, 21334-5546, 21334-5560, 21334-5566, 21334-5590, 21334-5596, 21334-5771, 21334-5772, 21334-5806, 21334-5906, 21334-5911, 21334-5912, 21334-5916, 21334-5926, 21334-5936, 21334-5996, 21334-6000, 21334-6001, 21334-6002, 21334-6006, 21334-6011, 21334-6031, 21334-6036, 21334-6040, 21334-6046, 21334-6106, 21334-6171, 21334-6172, 21334-6176, 21334-6410, 21334-6416, 21334-6420, 21334-6426, 21334-6466, 21334-6500, 21334-6506, 21334-6510, 21334-6616, 21334-6626, 21334-7000, 21334-7006, 21334-7010, 21334-7016, 21334-7031, 21334-7032, 21334-7056, 21334-7090, 21334-7096, 21334-7151, 21334-7176, 21334-7209, 21334-7221, 21334-7226, 21334-7236, 21334-7241, 21334-7246, 21334-7276, 21334-7336, 21334-7340, 21334-7461, 21334-7466, 21334-7486, 21334-7501, 21334-7506, 21334-7510, 21334-7516, 21334-7526, 21334-7536, 21334-7610, 21334-7710, 21334-7766, 21334-7810, 21334-7816, 21334-7840, 21334-7846, 21334-7866, 21334-7901, 21334-7906, 21334-7910, 21334-7911, 21334-7916, 21334-7920, 21334-7926, 21334-7936, 21334-7941, 21334-7946, 21334-8000, 21334-8006, 21334-8016, 21334-8040, 21334-8046, 21334-8101, 21334-8106, 21334-8230, 21334-8231, 21334-8420, 21334-8510, 21334-8511, 21334-8610, 21334-8910, 21334-8911, 21334-8916, 21334-9036