

SAFETY DATA SHEET

V#086516

Prepared date: Jun. 16, 2014

Revised date: -

1. PRODUCT & COMPANY IDENTIFICATION

Product name : MONO Sand Eraser
 Product code : ES-512A
 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 : For ink (typewriter)

2. HAZARDS IDENTIFICATION

GHS Classification: NA (Not applicable to substance/mixture)

3. COMPOSITION / INFORMATION ON INGREDIENTS

Common name: Eraser

<u>Parts</u>	<u>Ingredients</u>	<u>CAS No.</u>
Eraser	Natural rubber	
	Calcium carbonate	471-34-1
	Process oil	
	Factice	12653-61-1
	Abrasive particle 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 : Be careful not to be choked.
 Rinse mouth. Get medical advice/attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : dry chemical powder, CO2, foam, sands, water spray
 Specific hazards arising from the chemical : May produce hazardous gas on combustion.

6. ACCIDENTAL RELEASE MEASURES

Not applied

7591
6836

9732763
9732764
9732766
9732767
9734794

7. HANDLING AND STORAGE

Precautions for safe handling: Keep it where children can't get at it.

Conditions for safe storage: Put into a sleeve. Avoid high temperature and high humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Occupational exposure limit : No information

Appropriate engineering controls : Usually, it's unnecessary.

Individual protection measures : Usually, it's unnecessary.

9. PHYSICAL AND CHEMICAL PROPERTIES**ERASER**

Appearance

Physical state : Solid

Color : gray

Odour : Slight

10. STABILITY AND REACTIVITY

Reactivity: Stable usually.

11. TOXICOLOGICAL INFORMATION**ERASER INGREDIENTS**

Acute toxicity: Oral / Rat LD50 6450mg/kg (Calcium carbonate)

12. ECOLOGICAL INFORMATION

No information

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

UN number: NA

15. REGULATORY INFORMATION

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

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.

Product Safety Data Sheet Adhesive Dots

Last revised 03.03.14

1. Identification and Company			
	Hot melt adhesive formed into cold shaped dots, produced in sheets of 16 dots per sheet. American Tombow Inc. 355 Satellite Boulevard NE, Suwanee, GA 30024 Telephone (678) 318-3344 Fax (678) 318-3347		
2. Chemical Constituents			
Main Constituents	A blend of high polymers waxes & resins. No undue hazards. Thermo plastic rubber, resin blend, plasticizer		
3. Hazard Identification			
Main Hazards:	Generally considered harmless		
Specific Risks:	Do not eat or swallow Sticky Dots		
4. First Aid Measures			
Skin:	Wash hands		
Eyes:	Treat as an inert particle. Irrigate with water		
Oral:	Minimal toxicity		
5. Fire Fighting Measures			
	The adhesive will burn if subjected to temperatures over 200°C, no restriction on fire fighting media		
6. Accident Release Measures			
	No related hazard		
7. Handling and Storage			
General:	Store in a clean dry place away from direct sunlight or sources of direct heat		
Storage Conditions	One year under normal ambient conditions: 5-35°C, dust free, not sensitive to frost		
8. Personal Protective / Exposure Controls			
Respiratory Protection:	None required	Personal Precautions:	None required
Hand / Eye Protection:	None required	Toxicological Info:	No adverse side effects
9. Physical and Chemical Properties			
Appearance:	Solid Squares with color glue dot in center.	Ignition Temperature:	>300°C
Color:	Translucent	Bulk Density:	Ca 0.95 g/ml at 20°C
Odor: Softening Point:	Slight	Solubility:	Not miscible with water, miscible with chlorinated solvents, aromatic hydrocarbons
Decomposition Temp:	Typically 90-95°C		
Flash Point:	>250°C		
	>250°C		
10. Stability and Reactivity			
Stability:	Very good		
Hazardous decomposition products	In case of fire or overheating: Carbon dioxide and acetic acid		
11. Toxicological Information			
	No adverse effects have been recorded		
12. Ecological Information			
	As this product is not soluble in water it does not as a general rule, biological, physical or chemical properties of water & therefore the adhesive poses no ecological hazard in a solid state		
13. Disposal Considerations			
	Waste incineration or landfill in accordance with appropriate local authority regulations		
14. Transport Information			
Hazards:	This product is not dangerous according to the prescribed transport regulations		
UN Number:	GGVS/GGVE RID/ADR IDMG ICAO/IATA GGVSEE DGR		
15-16. Regulatory and Other Information			
	See display packs, but no hazard or safety warning required		

*Information presented on this sheet is not intended as a formal specification and should be used as a guideline only. Every endeavour has been made to ensure the accuracy of the information contained herein but customers should conduct their own tests to confirm to themselves the suitability of the product. Therefore American Tombow Inc. cannot accept any loss or damage that may result from the use of this information. Children should always be supervised when using Adhesive Dots or any adhesive products. Beware not to secure heavy items with glue dots.