



Safety Data Sheet

Issue date: 12/24/2020

Revision date: 4/27/2022

1. Chemical product and company identification

Product identifier

Trade name : MONO Graph Lead Refill
 Product code : 53114 (XAR5-MGHB01)

Recommended use of the chemical and restrictions on use

Recommended uses and restrictions : Mechanical 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
Others	Undisclosed	Undisclosed

Article : PMMA, ABS, PE, 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.
 First-aid measures after eye : Rinse eyes with water as a precaution.

**contact**

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**

Hazardous decomposition products in case of fire

Protection during firefighting

: Water spray, Dry powder, Foam

: Toxic fumes may be released

: 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

Other information

: Mechanically recover the product.

: 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

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	:	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
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Viscosity, dynamic:	:	No data available
Viscosity, kinematic:	:	Not applicable

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)
Skin corrosion/irritation	:	classification not possible (dust, mist)
Serious eye damage/irritation	:	classification not possible
Respiratory sensitization	:	classification not possible
Skin sensitization	:	classification not possible
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) : 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.

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 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.

16. Other information

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