

Risk analysis & technical documentation (acc. EU 2023/988)

1. COMPANY INFORMATION

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Date Issued: 01/2025
Date Revised: 01/2025

2. PRODUCT INFORMATION

Product Name: Sharpener Big12R
Design: 1-hole sharpener without container in square wedge shape with recessed grips on the sides
Material: Polystyrene (CAS No.: 9003-53-6)
Alloy steel (CAS No: 7440-44-0, 7439-96-5, 7440-21-3,
7723-14-0, 7704-34-9, 7440-47-3, 7440-50-8,
7439-98-7, 7429-90-5)
Art.No: 303.60.21

Picture:





Instruction manual / Function: A sharpener is a device for manually sharpening pencils.

1. Preparation

Check the sharpener: Make sure that the sharpener is clean and ready for use. If it has a container for shavings, empty it if necessary. Select pencil: Use a suitable pencil that fits the size of the sharpener opening.

2. positioning the sharpener

Hold the sharpener firmly in one hand.

3. Insert pencil

Carefully insert the tip of the pencil into the opening of the sharpener.

4. Sharpening the pencil

Hand sharpener: Turn the pencil evenly clockwise until the tip has reached the desired sharpness. Be careful not to apply too much pressure so as not to damage the pencil.

5. remove the pencil

Hand sharpener: Carefully pull the pencil out of the sharpener.

6. check

Check the sharpness of the pencil tip. If it is not sharp enough, repeat the process. If the tip is too sharp, it can easily break off, so it is sometimes better to leave it a little blunter.

7 Cleaning and maintenance

Manual sharpener: Empty the sharpener as required and remove any wood shavings or graphite residue.

Only use the sharpener for its intended purpose, i.e. for sharpening pencils and certain pens.



3. RISK ANALYSIS

A risk analysis for a sharpening device is usually relevant in industrial, domestic or school environments where the sharpening device is used regularly. This risk assessment relates to proper use.

The identified risks were assessed according to their probability and potential impact. This is categorized as:

- high (occurs frequently)
- medium (Occasionally occurs)
- low (rarely or never occurs)

The following risks were taken into consideration: Injury risks, health risks.

Cuts:

The sharp blade of the sharpener can cause cuts if you touch it directly with your fingers or handle it improperly.

Abrasions:

Slipping the sharpener over the skin can cause superficial abrasions

Eye injuries:

Chipping or sharp edges can injure the eye.

Infections:

If a dirty or contaminated sharpener causes a wound, this can lead to infection, especially if the wound is not properly cleaned and cared for.

Allergic reactions:

Some people may develop contact dermatitis, a skin reaction caused by direct contact with polystyrene-based plastics.

Risk	Probability	Impact	Overall risk assessment
Cuts	low	medium	low
Abrasions	low	low	low
Eye injuries	low	high	medium
Infections	low	medium	low
<u>Allergic reactions</u>	low	low	low



It is important to handle sharpeners and other school utensils responsibly and to pay attention to safety in order to avoid injuries.

4. HAZARD IDENTIFICATION

Hazard Overview:	NON-HAZARDOUS This Product does not release or otherwise result in exposure to a hazardous material based on its physical state and current evaluations made by the company under the Hazard Communication Standard
Physical State:	Plastic sharpener with steel blade and screw incl. plastic container
Color:	different
Odor:	Odorless
Main Hazards:	None
Routes of Entry:	Under normal use, there are no expected routes of entry
Target Organs:	None
Health Effects - Eyes:	see point 3 (risk analysis)
Health Effects - Skin:	see point 3 (risk analysis)
Health Effects - Inhalation:	Unlikely to occur
Carcinogenic Status:	This Product is not considered carcinogenic.
Reproductive Effects:	This product is not considered reproductively harmful
Environmental Hazards:	This product is not considered harmful to aquatic organisms or the aquatic environment

5. FIRST AID MEASURES

First Aid – Eyes:	In case of accidental contact with injury, consult a doctor.
First Aid – Skin:	In the unlikely event that contact causes a reaction, flush area with water and seek medical attention
First Aid - Ingestion:	In the unlikely event that the object or pieces of the object are accidentally swallowed, seek medical attention immediately.
First Aid - Inhalation:	In the unlikely event that respiratory symptoms or other symptoms of exposure develop, move fresh air and seek medical attention.



Advice to Physician: Treat symptomatically.

6. FIRE FIGHTING MEASURES

- Specific Hazards: This product may give rise to hazardous vapors in a fire. Vapors/fumes may be irritating, corrosive and/or toxic
- Extinguishing Media: Use extinguishing media suitable for surrounding fire. Water spray, dry chemical, carbon dioxide or foam is recommended for the product itself. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces.
- Fire-Fighting Procedures: None recommended.
- Unusual Fire & Expl. Hazards: This product or its components are to be regarded as flame retardant
- Equipment for Fire-Fighting: Wear full protective clothing and self-contained breathing apparatus.
- Additional Advice: None

7. ACCIDENTAL RELEASE MEASURES

- Spill Procedures: Not applicable
- Personal Precautions: None
- Environmental Precautions: None

8. EXPSURE CONTROLS AND PERSONAL PROTECTION

- Engineering Control Measures: None
- Respiratory Protection: None
- Eye Protection: None
- Body Protection: None



9. PHYSICAL AND CHEMICAL PROPERTIES

Component:	<u>Sharpener</u>	<u>Blade/Screw</u>
Physical State:	solid	solid
Odor:	Odorless	Odorless
pH:	N/A	N/A
Melting Point (°C):	240 – 270°C	1.205-1.370°C
Boiling Point (°C):	430°C	>3.000°C
Flash Point (°C/°F):	N/A	N/A
Evaporation Rate:	N/A	N/A
Explosivity Limits Air (%):	N/A	N/A
Relative Density:	1,05 g/cm ³	7,85 g/cm ³

10. STABILITY AND REACTIVITY

Reactivity:	Product will not undergo additional reaction.
Stability:	Stable under normal conditions.
Conditions to Avoid:	Contact with incompatible materials, excessive heat, direct contact with flame.
Incompatibilities:	Strong oxidizing agents
Hazardous Decomposition:	Oxides of carbon, hydrogen chloride, hydrocarbons, acrylatemonomers, irritating and /or toxic by-products.

11. DISPOSAL CONSIDERATION

Environmental precautions:	Not applicable.
Product Disposal:	Dispose in accordance with all local, state (provincial), and federal regulations.



12. TRANSPORT INFORMATION

DOT Proper Shipping Name:	Not regulated
UN Number:	-
UN Class:	-
UN Packaging Group:	-
Reportable Quantity:	Not applicable
Marine Pollutant:	Not applicable

13. REGULATORY INFORMATION

Water Hazard Class (WGK):	This product is not classified as water-endangering (WKK=0)
Other chemical Inventories:	-

14. GENERAL SAFETY INFORMATION

Only use the sharpener for sharpening pencils and not for other objects.

The blade of the sharpener insert is sharp. Keep hands, fingers and other parts of the body away from the blade.

Do not disassemble the sharpener. There is a risk of injury if the blade is exposed.

Plastic parts can break if they are subjected to too much stress and leave sharp edges.

Plastic can melt or deform when exposed to high temperatures.

The product described in this documentation is not suitable for children under 3 years or any individuals who have a tendency to place inedible objects in their mouths. The product itself or parts of it could be swallowed and cause choking.



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15. OTHER INFORMATION

This information applies to the Product as such.

In case of formulation or mixtures, it is necessary that a new danger will not appear.

The information contained is based on the producer's knowledge of the product, at the date of publishing and it is given quite sincerely.

However the revision of some data is in progress.

Users are advised of possible additional hazards when the product is used in applications for which it was not intended. This sheet shall only be used and reproduced for prevention and security purposes. The references to legislative, regulatory and codes of practice documents cannot be considered as exhaustive.

It is the responsibility of the person receiving the product and the handling of the product.

The information in this MSDS was obtained from source, which we believe as reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

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