

SECTION 1 Product & Supplier Identification

Product Name	Charcoal
Other Names	Charcoal Natural 6mm & 9mm
Product Code	TH630 & TH634
Barcode Number	
Recommended Use	Artists charcoal for use with arts and crafts.
Restrictions on Use	None known
Company	Modern Teaching Aids Pty Ltd
ABN	98 000 628 786
Address	Level 1, 122-126 Old Pittwater Road, Brookvale, NSW, Australia 2100
Telephone	1800 251 497
Supplier Code	
Emergency Phone Number	Australia – 13 11 26 (Poisons Information Centre)

SECTION 2 Hazards Identification

Classification of the hazardous chemical

This product is classified as hazardous under WHS Regulations.

Physical hazards	Not classified	
Health hazards	Specific Target Organ Toxicity (Repeated exposure)	Category 2
Environmental hazards	Not classified	

Label elements, including precautionary statements

Hazard symbols



Health Hazard

Signal word

Warning

Hazard Statements

H373 May cause damage to organs through prolonged or repeated exposure (inhalation)

Precautionary statements

Prevention	P260 Do not breathe dust.
Response	P314 Get medical advice / attention if you feel unwell.
Storage	Store in well ventilated place. Keep container tightly closed.
Disposal	P501 Dispose of contents and container in accordance with local regulations.

SECTION 3 Ingredient Composition / Information

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion (to 100%)</u>
Carbon Black	1333-86-4	100 %

SECTION 4 First Aid Measures

Description of necessary first aid measures

Eye	Irrigate with copious quantities of water for at least 15 minutes, lifting eyelids occasionally. Seek medical attention.
Skin	Remove any contaminated clothing and wash off with soap and water. If any symptoms arise seek medical attention.
Inhalation	Move to a well-ventilated area. Seek medical attention if symptoms persist.
Swallowed	Rinse mouth with water. Do not induce vomiting. Seek medical attention.

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Personal protection for first aid responders

Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

Symptoms caused by exposure

Inhalation	May cause respiratory irritation and coughing.
Skin	May cause irritation, redness, pain and rash.
Eye	May cause eye irritation, tearing, pain and redness.
Swallowed	May cause gastrointestinal irritation, nausea, headache and diarrhoea

Medical attention and special treatment

Provide general supportive measures and seek medical attention if symptoms persist.

SECTION 5 Fire Fighting Measures

Extinguishing equipment

Suitable Water, fog, foam, dry chemical powder, carbon dioxide. When choosing extinguishing equipment be aware of any potential hazard(s), example electrical.

Unsuitable Anything that could spread the fire and or risk the safety of surrounding personnel.

Specific hazards arising from the chemical

Non-flammable. No explosion hazard exists. May evolve gases hazardous to health.

Specific protective equipment and precautions for fire fighters

Self-contained breathing apparatus (SCBA) and full protective clothing (PPE) must be worn in case of fire.

Hazchem Code Not available.

General fire hazards No unusual fire or explosion hazards known.

SECTION 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away and upwind of spill. Wear appropriate protective equipment for clean-up. Contain spill, prevent contamination to drains / water ways. Contact local authorities if spill cannot be contained. Collect and seal in properly labelled containers for disposal in accordance with local regulations. Refer Section 8 "Personal Protection".

For emergency responders

Keep unnecessary people away. Wear appropriate dust/particulate respirator and full protective clothing. Do not breath dust and ensure adequate ventilation. Avoid generating dust. Heed advice under Section 8 "Personal Protection".

Environmental precautions

Avoid discharge to drains, water ways or onto the ground.

Methods and materials for containment and clean up

Large spills – Avoid dust generation. Use industrial vacuum to clean up spill. If vacuuming is not possible then use a wet mop. Collect and seal in a bag or container that prevents fibre or dust emission and properly label for disposal in accordance with local regulations.
Small spills – Clean up with wet cloth or mop.

SECTION 7 Handling & Storage

Precautions for safe handling

Wear appropriate personal protective equipment to avoid inhalation of dust. Use equipment that minimises dust. Equipment that generates dust, must have exhaust extraction or other effective local extraction. Work areas should be cleaned regularly to remove build-up of dust. Always wash hands after use. Do not eat, smoke or drink when handling this product.

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Conditions for safe storage, including any incompatibilities

Store in a dry location, with lid closed when not in use. Store in clearly labelled containers.

SECTION 8 Exposure Controls / Personal Protection

Occupational exposure limits (OEL's)

Carbon Black 1333-86-4 10 mg/m³(TWA)

Biological limit values

No biological exposure values noted for this product.

Appropriate engineering controls

Use in a well-ventilated area. If required use local exhaust ventilation.

Individual protection measures, for example personal protective equipment (PPE)

Wear an appropriate dust mask that meets relevant Australian standards. The mask should protect against mechanically generated particulates.

Hygiene measures Use and maintain good industrial hygiene. Routinely maintain safety equipment.

SECTION 9 Physical & Chemical Properties

Appearance	Solid carbon stick
Odour	Not applicable
Odour threshold	Not available
pH	Not applicable
Melt point / freeze point	Not available
Hardening time	Not available
Flash point	Not available
Flammability	Not flammable
Vapour Pressure	Not available
Vapour Density	Not available
Relative density	Not available
Solubility in water	Insoluble
Specific Gravity	Not available

SECTION 10 Stability & Reactivity

Reactivity Product is considered non-reactive under normal conditions of use, storage and transport.

Chemical stability This product is considered stable under normal conditions of use.

Possibility of hazardous reactions

Hazardous polymerisation will not occur.

Conditions to avoid None known.

Incompatible materials

None known.

Hazardous decomposition

In a fire product may give rise to the release of obnoxious fumes including oxides of carbon.

SECTION 11 Toxicological Information

Information on possible routes of exposure

Inhalation	Minor irritation may be expected in some individuals.
Skin contact	Minor irritation may be expected in some individuals.
Eye contact	Minor irritation may be expected in some individuals.
Ingestion	Expected to be low ingestion hazard.

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Acute Health Effects

Inhalation	May cause respiratory irritation and coughing with repeated exposure to dust.
Skin	May cause irritation, redness, pain and rash.
Eye	May cause eye irritation, tearing, pain and redness.
Ingestion	May cause gastrointestinal irritation, nausea, headache.

Skin corrosion / irritation

Based on classification principles, the classification criteria are not met.

Serious eye damage / irritation

Based on classification principles, the classification criteria are not met.

Respiratory or skin sensitisation

Based on classification principles, the classification criteria are not met.

Carcinogenicity Not considered to be a carcinogenic hazard.

Aspiration hazard Based on classification principles, the classification criteria are not met.

Reproductive toxicity

Based on classification principles, the classification criteria are not met.

Additional Information

This product does NOT contain,
Egg, dairy, soy, seafood, shellfish or peanut products, by-products or derivatives.

SECTION 12

Ecological Information

Ecotoxicity

No specific data is available for this product. However, do not release this product or any water contaminated with this product into drains, soils or waterways. Sufficient measures should be taken to retain the water used in extinguishing any fires involving this product. Dispose of contaminant in accordance with local landfill or incineration regulations.

Persistence and degradability

No specific data available.

Bio accumulative potential

No specific data available.

Mobility in soil

No specific data available.

SECTION 13

Disposal Considerations

Disposal methods

Dispose of this product and any water contaminated with this product in accordance with local regulations.

Contaminated packaging

The container in which the product is/was contained should also be disposed of in accordance with local regulations.

SECTION 14

Transport Information

ADG

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods for IATA

IMDG

Not regulated as dangerous goods.

Special Precautions No special precautions or requirements for transport.

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SECTION 15 **Regulatory Information**

Safety, health and environmental regulations

This Safety Data Sheet was prepared in accordance with Safe Work Australia's Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals.

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Not allocated

AICS All components are listed in the Australian Inventory of Chemical Substances.

SECTION 16 **Other Information**

Reason for Revision Create an SDS in accordance with GHS requirements.

TWA The TWA (Time Weighted Average) exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The term "peak" is used when the TWA limit, because of the rapid action of the substance, should never be exceeded even briefly.

SWA Safe Work Australia
ADG Australian Dangerous Goods Code
AICS Australia Inventory of Chemical Substances
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods Code

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