

Safety Data Sheet

Tungsten Carbide Burs

Issue Date: 03/01/2019

1. Product and Company Identification

GHS Product Identifier: JET-KUT Premium Carbide Burs

Product Numbers: 534004, 008, 012, 034, 038, 042, 049, 053, 057, 068, 072, 079, 083, 087, 094, 098, 102, 155, 158, 161, 174, 177, 192, 202, 212

Manufacturer/Supplier

Supplier: JET EQUIPMENT & TOOLS
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2. Hazards Identification

Potential hazards to man and environment:

None in case of proper storage and handling

Water hazard class: 0

3. Composition/Information on Ingredients

YG-8 for brazed sten			YG-10 for one piece sten
93% Tungsten carbide			90% Tungsten carbide
None TiC / TaC / NbC			None TiC / TaC / NbC
7% Cobalt			10% Cobalt
Shank: Stainless steel, material number Cr40			

4. First Aid Measures

No special action required.

5. Fire Fighting Measures

Suitable (and unsuitable) extinguishing media: Use any media that is appropriate for the surrounding materials.

Specific hazards arising from the chemical: This product is not combustible; however, consideration must be given to the potential fire or explosion hazards from the base material being processed. Many materials create flammable or explosive dusts or turnings when machined or ground.

Special protective equipment and precautions for firefighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: N/A

Methods and materials for containment and cleaning up: N/A

7. Handling and Storage

Fire and Explosion protection: No special measures.

Storage: Store in a dry location, avoid significant temperature fluctuations, avoid chemicals and acids.

8. Exposure Controls/Personal Protection

General Protection Measures:

Do not use bent burs.

Observe the speed limitation of the burs.

Pay attention to the fixing of the burs to the machine.

Observe safety and operating instructions.

Skin protection: Cloth or leather gloves recommended.

Eye protection: Safety goggles or safety glasses with side shields are recommended

Other: Protective clothing as needed to prevent contamination of personal clothing.

Hearing protection may be required.

9. Physical and Chemical Properties

Sharp:	fixed
Colour:	Metallic
Smell:	Not applicable
Change in condition:	Melting point > 1200 ° C
Flash and Boiling point:	Not applicable
Density:	Not applicable
PH value (°C):	Not applicable
Viscosity (°C):	Not applicable
Solubility in water:	insoluble

10. Chemical Stability and Reactivity Information

None

11. Toxicological Information

Likely routes of exposure:

Inhalation: None expected under normal use conditions

Ingestion: None expected under normal use conditions. Swallowing large pieces may cause obstruction of the gastrointestinal tract.

Skin contact: None expected under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.

Eye contact: Particles may cause abrasive injury to the eyes.

Chronic effects from short- and long-term exposure: Prolonged exposure to elevated noise levels during operations may affect hearing.

12. Ecological information

Products have no ecological effects when properly used and stored. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. No data available.

13. Disposal Considerations

Dispose in accordance with all applicable local, state/provincial and federal regulations. Local regulations may be more stringent than regional and national requirements. It is the responsibility of the waste generator to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

14. Transport Information

No Specific regulations for transportation are required. Make sure to protect products from damage during transportation.

15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the product

No specific labelling requirements under respective EC directives.

Chemical safety assessment

Not relevant.

16. Additional Information

DISCLAIMER

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof: however, the Company makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assumes no liability to any user thereof.