Grizzly Industrial, Inc.
1821 Valencia Street
Bellingham, WA 98229
360-647-0801

C1217

SAFETY DATA SHEET

DATE: OCT. 01, 2019
REV. NO.: 2

1. PRODUCT AND COMPANY IDENTIFICATION

a. Product type: Carbide Tipped Router Bits and Shaper Cutters

b. Manufacturer: Woodstock International, Inc.

c. Address: PO Box 2027

d. Telephone number: 360-734-3482

2. COMPOSITION / INFORMATION ON INGREDIENTS

a. Classification: Mixture

b. Chemical name: N/A

c. Synonym: N/A

d. Ingredients and composition

Ingredients		Composition		CAS. NO
Steel	SAE1045	Carbon steel	C, Si, Mn, P, S, Ni, Cr, Cu, Nc	11121-90-7
	SAE4140	Chromium molybdenum steel	C, Mn, P, S, Si, Cu, Ni, Cr, Mo, Al	63849-22-9
Carbide	K20	Tungsten Carbide	Wc, Co	12070-12-1
	F20L			
Bearing		Slags, steelmaking, vanadium		69012-34-6
Silver Alloy Brazing Material	BAg-2	Ag, Cu, Zn, Cd		

3. HAZARDS INDENTIFICATION

Not applicable

4. FIRST AID MEASURES

a. Eye Contact

N/A

b. Skin Contact

-For Minor cuts: wash hands, stop the bleeding, clean the wound, apply an antibiotic & cover the wound

-For deep cuts: Obtain medical assistance to get stitches for the wound.

c. Inhalation

N/A

d. Ingestion

N/A

5. FIRE FIGHTING MEASURES

a. Extinguishing media

-Dry chemical powder, carbon dioxide, water should be used fires.

-Use extinguishing medias appropriate to the source of the fire.

b. Special fire flighting procedures

N/A

6. ACCIDENTAL RELEASE MEASURES

No special measures required.

7. HANDLING AND STORAGE

a. Handling:

-Keep away from the sharp edge of router bits.

-Avoid rough handling or dropping

-Protect against physical damage

b. Storage:

No special storage condition should be needed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

a. Control parameters: Not established

b. Wear mask.

c. Don't wear cotton gloves during operate machines.

d. Wear protective eye glasses.

e. As needed, hearing protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

a. Physical state, form: Solid

b. Oder: None

c. Boiling point: N/A

d. Melting point: N/A

e. Solubility in water: N/A

f. Vapor pressure: N/A

g. Specific gravity: N/A

10. STABILITY AND REACTIVITY

a. The materials are stable.

b. Hazardous decomposition and polymerization will not occur.

c. Decomposition products: N/A

11. TOXICOLOGICAL INFORMATION

No relevant information found

12. ECOLOGICAL EFFECTS

a. The substance is not biodegradable.

b. The substance is not bioaccumulate.

c. The substance is not fish toxicity.

13. DISPOSAL CONSIDERATION

No relevant information found

14. TRANSPORT INFORMATION

No relevant information found

15. REGULATORY INFORMATION

No relevant information found in Taiwan. We are unable to check up the regulatory information in regard to be substances in your country or region, therefore, we request this matter would be filled by your responsibility.

16. OTHER INFORMATION

Steel and carbide have been tested and proved to be free from radiative contamination.