MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
25-140-20

Product Name: Essix Fluted Carbide

Release Date: March 15, 2007

1. Product and Company Identification

Trade Name & Synonyms Tungsten carbide instruments	**MSDS Code Number** Refer to part number
Chemical Name NA	**Manufacture / Distributor** GAC International Inc.
C.A.S. Number NA	**Address** 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	**Information Telephone Number** 1-631-419-1700
Product Use (for Canada) NA	**Emergency Telephone Number** 1-631-419-1700

2. Composition of Ingredients

Hazardous Components NA	**C.A.S. Number**	**Exposure Limits**	**%**
Tungsten carbide Cobalt Corrosion-resistant steel	NA	NA	NA

3. Hazard Identification

Emergency Overview

NA

Routes of Exposure	**Signs and Symptoms**	**Single, Repeated, or Lifetime Exposure**	**Severity (Mild, Moderate, Severe)**	**Acute and Chronic Health Effect(s)**	**Target Organ(s)**
Eye	NA	NA	NA	NA	NA
Skin	NA	NA	NA	NA	NA
Inhalation	NA	NA	NA	NA	NA
Ingestion	NA	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA

Medical Conditions Aggravated by Exposure
NA

Carcinogenicity (IARC, NTP)
NA

Potential Environmental Effects
NA

4. First Aid Measures

Routes of Exposure	**First Aid Instructions**	**Immediate Medical Attention**	**Delayed Effects**
Eye	NA	NA	NA
Skin	NA	NA	NA
Inhalation	NA	NA	NA
Ingestion	NA	NA	NA
Other	NA	NA	NA

Note to Physicians (Treatment, Testing, and Monitoring)
NA

5. Fire and Explosion Data

Flashpoint & Method: °C / °F NA	**Flammable (Explosive) Limits in Air** LEL: NA UEL: NA	**Autoignition Temperature** NA	**Other** NA
Flame Propagation or Burning NA	**Properties Contributing to Fire Intensity** NA	**Flammability Classification** Health- , Flammability- , Reactivity- NA	
Extinguishing Media NA		**Extinguishing Media to Avoid** NA	
Protection and Procedures for Firefighters NA			
Unusual Fire and Explosion Hazards NA			

6. Accidental Release Measures

Containment Techniques
NA

Spill/Leak Clean-Up Procedures and Equipment
NA

Evacuation Procedures
NA

Special Instructions
NA

Reporting Requirements
NA

7. Handling and Storage

Handling Practices and Warnings
NA

Storage Practices and Warnings
(°C / °F). Store in a dry area.

8. Exposure Control/Personal Protection

Ventilation NA	**Other Engineering Controls** NA

Routes of Entry:	**Personal Protective Equipment (PPE) for Normal Use:**	**PPE for Emergencies:**
Eye/Face	NA	NA
Skin	NA	NA
Inhalation	NA	NA

General Hygiene Considerations and Work Practices
NA

Protective Measures During Repair and Maintenance of Contaminated Equipment
NA

Other Protective Measures and Equipment
NA

9. Physical and Chemical Characteristics

Appearance Metallic solid-state body	**Odor** NA
Normal Physical State: ☐ Liquid ☐ Gas ☒ Solid ☐ _____ (Other)	**Boiling Point** °C / °F NA **Melting Point** °C / °F NA **Freezing Point** °C / °F NA

Specific Gravity or Density (H_20=1) NA	**Solubility in Water** Insoluble	**pH** NA
Vapor Pressure (mm Hg @ 20°C) NA	**Vapor Density (AIR= 1)** NA	**Evaporation Rate (Butyl Acetate = 1)** NA
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid)
Avoid contact with acids, alkaline solutions and etching solutions.

Hazardous Products Produced During Decomposition
NA

Hazardous Polymerization? ☐ May Occur ☐ May Not Occur NA	**Conditions to Avoid** °C / °F NA
Stability? ☐ Stable ☐ Unstable NA	**Conditions to Avoid** °C / °F NA

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data
NA

12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements
NA

13. Disposal Considerations

Regulations
NA

Properties (Physical/Chemical) Affecting Disposal
NA

14. Transport Information

Regulated for shipping? ☐ Yes ☐ No NA	**Proper Shipping Name** Essix fluted carbide	**Packing Group** NA	
Do changes in quantity, packaging, or shipment method change product classification? ☐ Yes ☐ No NA		**Hazard Class** NA	**Identification Number** NA
Other NA			

15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: 40/25 **Supplier Release:** May 5, 1988

N/A = not applicable. **NA** = not available, **N/E** = not established. **N/D** = not determined.