

9JF7 @5F Ceramic Bracket MATERIAL SAFETY DATA SHEET

1 – IDENTIFICATION

PRODUCT NAME: 9JF7 @5F Ceramic Bracket

CHEMICAL NAME:

FORMULA: AL₂O₃, >99.997%

COMPANY NAME:

K cf X7`Ugg`HYW bc`c[m`.....

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AWA]bbj]`YZCF`- +&,` \$` !(+&, ' &\$

2 – HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS: none. WCT brackets are not generally considered hazardous in the form they are shipped.

Further grinding or cutting or any other procedure that causes a release of dust, hazardous levels of dust may be generated.

3 – HEALTH HAZARD DATA

SKIN: no hazards

EYES: no hazards

INHALATION: no hazards

INGESTION: no hazards

4 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Solid Transparent

PHYSICAL FORM: Solid

COLOR: Transparent

ODOR: no odor

SOLUBILITY IN WATER: insoluble

SPECIFIC GRAVITY: 3,970kg.m-3

BENDING STRENGTH: 180MPa

MELTING POINT: 2,043°C

BOILING POINT: ~ 5,000°C

HARDNESS(Knoop): 1,370kg.mm2

CONTENT: AL₂O₃ (>99.997%, solid-crystalline form)

5 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: n/a

EXTINGUISHING MEDIA: none

SPECIAL FIRE FIGHTING PROCEDURES: none

FIRE AND EXPLOSION HAZARD: none

6 – REACTIVITY DATA

STABILITY: stable

CONDITIONS TO AVOID: none

HAZARDOUS POLYMERIZATION: will not polymerize

DECOMPOSITION PRODUCTS: none

IN CASE OF EMERGENCY CONTACT: 503-472-8320

7 – EMERGENCY/FIRST AID MEASURES

EYES: Flush thoroughly with water and consult a physician

SKIN: Wash with water and mild detergent and consult a physician

INHALATION: Move person to fresh air until recovered and consult a physician.

8 – HANDLING AND STORAGE

STORAGE TEMPERATURE (min/max): store at normal room temperature

SHELF LIFE: none

SPECIAL SENSITIVITY: n/a

HANDLING/STORAGE PRECAUTIONS: none

9- Special Protection

SKIN: required when cutting, grinding, or welding

VENTILATION: required when cutting, grinding, or welding

EYES: Use of eye protection during processing is recommended

10 – SPILL OR LEAK PROCEDURES

ENVIRONMENTAL PRECAUTIONS: none

11 – DISPOSAL INFORMATION

Landfill in accordance with all applicable federal, state, and local regulations.

12 – REGULATORY INFORMATION

Not applicable

13 – DISCLAIMER OF WARRANTIES

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