

MATERIAL SAFETY DATA SHEET



SECTION 1. COMPANY AND PRODUCT INFORMATION

Diamond Vantage
2025 Alton Parkway
Irvine, CA 92606

PRODUCT NAME

Multipurpose Diamond Blade

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>SUBSTANCE DESCRIPTION</u>	<u>CAS#</u>
Body material (Steel)	Unknown
Diamond	7782-40-3
Nickel	7440-02-0
Chromium	7440-47-3

SECTION 3. HAZARDS IDENTIFICATION

INHALATION ACUTE EXPOSURE EFFECTS

Dust may be slightly irritating to eyes and respiratory tract at high concentrations.

INHALATION CHRONIC EXPOSURE EFFECTS

May affect breathing capacity.

SKIN CONTACT ACUTE EXPOSURE EFFECTS

Some may experience skin irritation from dust.

EYE CONTACT ACUTE EXPOSURE EFFECTS

Dust may irritate eyes.

INGESTION ACUTE EXPOSURE EFFECTS

No known adverse effects, but ingestion not recommended.

CARCINOGENICITY

Contains a chemical or chemicals which can cause cancer.

Ingredient	CAS#	Class Description	Regulation
Nickel	7440-02-0	Group 2B	International Agency for Research on Cancer
Nickel	7440-02-0	Anticipated human carcinogen	National Toxicology Program Carcinogens

SECTION 4. FIRST AID MEASURES

INHALATION

Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately.

SKIN CONTACT

Wash affected areas with soap and water. Obtain medical assistance, if needed.

EYE CONTACT

Wash with large amounts of water. Obtain first aid and medical assistance, if needed.

INGESTION

Obtain medical assistance.

MATERIAL SAFETY DATA SHEET

SECTION 5. FIRE FIGHTING MEASURES

FIRE FIGHTING PROCEDURES

Not Applicable

HAZARDOUS PRODUCTS/COMBUSTION

None.

FIRE AND EXPLOSION HAZARDS

None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP

Follow Normal clean up procedures.

SECTION 7. HANDLING AND STORAGE

Handling precautions :

1. The cutting blade should be mounted with the arrow pointing in the direction of rotation.
2. Never work without safety equipments.
3. Never hold the material being grind in your hand, or secure it using with your leg or foot during cutting .
4. Keep a safe distance between operators and materials being cut during cutting.
5. Make sure that you are using the proper cut blade specification for the material being cut.

Storage conditions : Keep away from humidity and excessive heat to prevent the cutting blade from getting rusty and thermal shocks which may mechanically weaken products and create a safety risk when it's used.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

For safe cutting, keep an instruction to work and national or local regulations

Ventilation system : recommended.

Hand protection : protective gloves.

Skin protection : protective clothing.

Eye protection : safety goggles.

Dust protection : dust mask.

Ear protection : ear protector.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE & ODOR.

Solid article. Odorless.

GENERAL PHYSICAL FORM

Solid.

MATERIAL SAFETY DATA SHEET

SECTION 10. STABILITY AND REACTIVITY

BSL Cutting blade is chemically stable under normal temperature and pressure.

Conditions to avoid : Keep away from humidity and excessive heat.

Materials to avoid : Strong acids and oxidizing agents.

Hazardous decomposition products : None.

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SECTION 11. TOXICOLOGICAL INFORMATION

LD50/LC50

Values are not appropriate or available.

SECTION 12. ECOLOGICAL INFORMATION

Products have no ecological effects when it' used or stored, but it's not recommended to release worn products into the environment without any proper treatment after its tool-life ends.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Use standard landfill methods consistent with applicable Federal, State, Provincial and local laws.

SECTION 14. TRANSPORT INFORMATION

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

SECTION 15. REGULATORY INFORMATION

National or local regulations product

SECTION 16. OTHER INFORMATION

DISCLAIMER

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