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Section 1: Product and Company Identification

Product Name: Diamond Paste

Product Number Brand: DP-PTO

Emergency Phone Number: 1-520-514-1100

Contact Information:

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Section 2: Hazards Identification

Harm to humans and the environment: Long-term exposure may cause skin inflammation, dryness or cracking due to solvent degreasing. Swallowing can cause lung damage.

Section 3: Composition/Information on Ingredients

Composition	CAS-No.	Percentage %	EC-No.
Synthetic solvent oil	Exclusive use	/	Exclusive use
Lubricant	Exclusive use	<5	/
Surfactant	1338-41-6	<0.5	215-664-9
Carrier	Compound	<40	/
Diamond Powder	Exclusive use	<15	Exclusive use

Section 4: First-Aid Measures

Skin contact: Remove contaminated clothing and rinse with running water.

Eye contact: Lift the eyelids and rinse with running water or physiological saline. Seek medical treatment.

Ingestion: Drink plenty of warm water, induce vomiting, wash the stomach and promote defecation. Seek medical treatment.

Section 5: Fire Control Measures

Fire extinguishing methods and extinguishing agents

CO₂, powder or jet water. If the fire is too large, please use a foam fire extinguisher without ethanol.
Unsuitable fire extinguishing materials: Use bottled water to extinguish fires.

Fire precautions and measures

As far as possible, the container from the fire to the open area. Spray water to keep the fire container cool until the fire is over. In case of fire, fire personnel must operate in a protected shelter. If necessary, wear self-contained breathing apparatus to fight the fire.

Section 6: Leakage Emergency Treatment

Personal safety precautions: Ensure adequate ventilation. Leaked or spilled products may cause slipping.

Environmental protection methods: It is not allowed to be poured into sewers, roads or underground sewers.

The method of cleaning/collection: Special collectors are used for recycling and transportation to a waste treatment site for disposal.

Section 7: Handling and Storage

Safe storage conditions: Store under dry conditions with a temperature ranging from -5 to 35°C.

Incompatible substances: Solvent oils.

Product shelf life: 12 months

Section 8: Exposure Controls/Personal Protection

Respiratory protection: Generally, no special protection is required under well-ventilated conditions.

Physical protection: Wear general work protective clothing.

Hand protection: Wear chemical-resistant gloves.

Other precautions: After work, take a shower and change clothes. Avoid prolonged and repeated exposure.

Hygiene measures: Please handle in accordance with good industrial hygiene and safety practices. Avoid contact with skin, eyes and contact with clothes. Do not eat, drink or smoke when in use. Wash your hands immediately before taking a break and after using this product. Wash the contaminated clothes before wearing them again.

Section 9: Physical and Chemical Properties

Physical state	Paste
Odor	No irritating odor
Relative density	0.8~1.3 g/cm ³
Boiling point	>300°C
Flash point	84°C
Self-ignition	no data available
Explosive	no data available
Water solubility	Cannot be mixed with water.
Solubility	Organic solvent

Section 10: Stability and Reactivity

Thermal decomposition/Conditions to be avoided: Under normal usage and storage conditions, this product will not decompose.

Materials to be avoided: strong oxidizing substances, open flame sources.

Dangerous reaction: No known dangerous reaction.

Dangerous decomposing substances: No known dangerous decomposing substances.

Section 11: Toxicological Information

Acute toxicity: No acute toxicity.

Subacute and chronic toxicity: Extremely low toxicity.

Irritation: Slightly irritating.

Allergenicity: Allergic reactions occur when the skin comes into contact with it for a long time.

Carcinogenicity: No data available.

Teratogenicity: No data available.

Mutagenicity: No data available.

Reproductive toxicity: No data.

Inhalation hazard: Irritating when inhaled

Specific target organ system toxicity (one-time exposure): No data available.

Toxicity to specific target organ systems (repeated exposure): No data available.

Section 12: Environmental Information

Ecotoxicity	Generates organic carbon, pollutes water bodies and the atmosphere.
Biodegradability	It is easily degraded in the presence of water.
Non-biodegradability	No data available.
Bioaccumulation or bio-enrichment	no data available
Soil and water mobility	no data available
Other harmful information	no data available

Section 13: Disposal Considerations

Waste liquid can be recovered and treated in dedicated containers or handled by professional waste liquid treatment companies. It can generally be separated from water by mechanical methods.

Section 14: Transport Information

Dangerous goods number: No information available.

Transportation name: Grinding paste.

Hazard classification: General chemical products.

Packaging categories: 5g/ piece, 10g/ piece, 50g/ bottle, 100g/ bottle, 500g/ bag, 1000g/ bag.

Packaging method: Filling.

Transportation precautions: Before transportation, it is necessary to check whether the packaging containers are intact and sealed. During transportation, it is essential to ensure that the containers do not leak, collapse, fall or get damaged. It is strictly prohibited to mix and transport with oxidants, etc. When shipping, it should be isolated from the engine room, power supply, fire source and other parts. When transporting by road, travel along the prescribed routes..

Section 15: Regulatory Information

No listed as hazardous chemicals.

Section 16: Other Information

Further information

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