



FINE ABRASIVES TAIWAN CO., LTD.

No.160, Daxing 10th St., Luzhu Dist., Taoyuan City 33862,
TAIWAN

TEL: 886-3-313-3343

FAX: 886-3-313-3228

WEBSITE: <http://www.factdiamond.com>

E-MAIL: fact@factdiamond.com

MATERIAL SAFETY DATA SHEET

DIAMOND COMPOUND

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME : DIAMOND COMPOUND
 PRODUCT DESCRIPTION : WS-7-YK-J 、 WS-5-YK-J 、 WS-3-YK-J 、 PDCLP-3
 COMPANY NAME : FINE ABRASIVES TAIWAN CO.,LTD.
 COMPANY INFO : NO.160 Daxing 10St. Luzhu Dist,Taoyuan City Taiwan
 TEL : 886-3-3133343 FAX : 886-3-313-3228
 DATA UPDATE : 10/11/2023

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

MATERIAL	CAS NO. #	%BY WEIGHT	OSHA PEL-TWA (mg/m ³)	ACGIH TLV-TWA
DIAMOND	7782-40-3	5~20%	15	10
Silica Amorphous	7631-86-9	2~60%	6	10
Polyalklene Glycol	N/A	40~60%	N/A	N/A
Ethoxylated Tall Oil	N/A	10~25%	N/A	N/A
Polyethylene Glycol	N/A	1~15%	N/A	N/A

NOTE: EXTRACT % BY WEIGHT FIGURES DEPEND ON PRODUCT GRADE.



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SECTION 3 HAZARD IDENTIFICATION

Diamond is not a hazardous material. NO acute health effects. No chronic health effects. Exposure to the elements listed in Section 2, by skin contact, ingestion and inhalation can occur when handling, chemically treating, heat treating, abrasive cutting, grinding, polishing or abrading the surface of this material in a manner which generates particulates. Metallic Nickel is listed by IARC as a Group 2B - Possibly Carcinogenic to Humans. Chronic copper poisoning is typified by hepatic cirrhosis, brain damage and demyelination kidney defects and copper deposition in the cornea as exemplified by humans with Wilson's disease.

Potential Health Effects:

Eye : Slight irritation, high concentrations may cause conjunctivitis.

Skin: Tissue irritant. Nickel may cause dermatitis. Nickel is a contact allergen and sensitizer.

Ingestion: Tissue irritant.

Inhalation: Mists or dry dust can cause congestion and tissue irritation.

SECTION 4 FIRST AID MEASURE

Inhalation: If high concentrations are inhaled or if worker exhibits trouble breathing, remove to fresh air, if symptoms persist, seek medical attention.

Skin Contact: Wash affected areas thoroughly with soap and water. Seek medical attention if irritation persists.

Eye Contact: Remove contact lenses. Flush eyes with water for 15 minutes. Seek medical attention if irritation persists.

Ingestion : Seek medical attention if irritation persists.



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SECTION 5 FIRE FLGHTING MEASURES

Diamond is not a fire hazard and under normal condition is non-combustible.
However dust produced from working may be flammable and may pose a fire hazard .

SECTION 6 ACCIDENTAL RELEASE MEASURES

NONE

SECTION 7 HANDING AND STORAGE

Handing : Avoid contact with skin and eyes.Wash hands after handling.Maintain good house keeping procedures to avoid dust accumulation or product becoming airborne.

Storage:Store in a cool dry area.



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SECTION 8 EXPOSE CONTROLS/PERSONAL PROTECTION

Engineering Measures : Local ventilation should remove any vapour or mist generated while handling this product.

Hygiene Measures : Wash hand after handling.

Personal Protection Equipment : Wear safety glasses with side shields when grinding or cutting this product. Wear safety glove to avoid contact directing. Wear protective appropriate clothing to avoid skin contact with dust generated during operations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Semi solid

Flash point : 100° C

Explosive properties : N/A

Solubility in water : soluble

Colour : variable<By coloring agent>

Melting point : -50° C

Boiling point : >200° c

Solubility in Alcohol : soluble

Flammability : N/A

SECTION 10 STABILITY AND REACTIVITY

In normal use conditions the product is stable and does not react to the contact with water and chemical solvents.

Chemical stability : stable

Conditions to avoid : Excess heat & strong acids.

DATE : 2022.11.08



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SECTION 11 TOXICOLOGICAL INFORMATION

Inhalation: May irritate throat and respiratory system, may cause coughing.

Skin Contact: May irritate skin.

Eye Contact: May cause irritation.

Ingestion: May cause irritation.

Local effects: n/a

Sensitization: n/a

Chronic Toxicity: n/a

Long term Toxicity: n/a

Specific Effects: n/a

SECTION 12 ECOLOGICAL INFORMATION

Mobility :

No influence

Persistence/Degradabil

No influence

Bioaccumulation :

No influence

Eco-toxicity :

This product is not expected to be toxic to the environment.
Adopt sound working practices, so that the product is not released into the environment.

SECTION 13 DISPOSAL CONSIDERATIONS

The Diamond compound is not dangerous and is not subject to special precautionary measures.

Dispose of in accordance with appropriate government regulation. May be sold as scrap for reclaim.



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SECTION 14 TRANSPORT INFORMATION

ADR : Not regulated.

RID : Not regulated.

IMDG : Not regulated.

ICAO/IATA : Not regulated.

Transport, handling and storage must be in accordance with international regulations.

SECTION 15 REGULATORY INFORMATION

NONE

SECTION 16 OTHER INFORMATION

The directions are based on current knowledge and refer to the supplied product. Their aim is to describe our product from the point of view of safety and they do not guarantee any feature. This certificate refers to the product indicated in the present document and not to the combined use with other materials, as this condition gets out of our control; we guarantee neither explicitly nor implicitly and we do not take on the responsibility for the use of this information. Nothing must be considered, in the present document, as a licence to work out of recommendations and regulations. We recommend moreover that the user arranges to analyze periodically the reject residues and to keep us informed in case of possible anomalies.

DATE : 2022.11.08