

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product name: DY6002-SH-09P-SD-35MOHMS-MW
Product use: Static Dissipative Safety Shoes
Composition: PU + Antistatic Masterbatch + Steel Toe Cap
Manufacturer: Dou Yee Shanghai



Static Control



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SECTION 2: CONTENTS

INGREDIENTS	CONTENTS (% , w/w)
PU	50%
Steel	30%
Static Dissipative PET Fabric	16%
Antistatic Masterbatch	4%



Wafer Handling & Singulation



Electronics / Dry Packaging

SECTION 3: HEALTH HAZARD DATA

Inhalation: Not a route of exposure under normal usage. Elevated processing temperature may release irritating vapours.

Skin : Not considered hazardous. May cause mild skin irritation after prolonged or repeated contact.

Eye : Not considered hazardous. May cause mechanical irritation if film comes into contact with the eye.

Ingestion: Not a route of exposure. Not considered hazardous.



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Tapes & Reels

SECTION 4: FIRST-AID MEASURES

Inhalation: None needed under normal usage. If exposed to vapours at elevated processing temperature, remove to fresh air. Get medical attention if ill effect persists.



Other Industrial Tools & Equipment

Skin : None needed under normal usage. If irritation develops, wash thoroughly with soap and water. Get medical attention if irritations persist. Protective glove may be required for those with sensitive skin.



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Eye : None needed under normal usage. If material comes into contact with eye, flush eyes with water while holding eyelids apart to ensure complete irrigation. Get medical attention if ill effect persists.



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Ingestion : None needed.



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SECTION 5: FIRE AND EXPLOSION DATA

Flash point : more than 200°C. No explosion limit.

Flammable limit : N/A

Extinguishing media: CO₂, Dry chemical, water or foam

Usual fire hazard : Product is not highly flammable. But if in contact with flame will melt and burn and may drip flaming plastic. When heated above 220°C, gaseous decomposition products such as toxic fumes of CO, CO₂, Cl⁻ and other irritating fumes are released.



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Special fire fighting: Avoid breathing the fumes of the fire and wear breathing instruction apparatus in enclosed space.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

Remove mechanically and dispose of at a waste disposal site.



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SECTION 7: STORAGE AND HANDLING

1. Handling : Use normal personal hygiene and good housekeeping.



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2. Storage : No special precautions. Recommended to store products in a cool, dry area, away from direct heat or sunlight.



Other Industrial Tools & Equipment

SECTION 8: EXPOSURE CONTROL/ PERSONAL PROTECTION,

1. Technical Protection

Not required under normal usage



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2. Personal Protection

- a) Respiratory: Not required under normal usage
- b) Eyes : Not required under normal usage
- c) Hands : Not required under normal usage
- d) Others : Not required under normal usage



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3. Fire and Explosion protection

Fire and particular smouldering may cause generation of toxic gases. Slightly sooty smoke. Approved respirator and safety glasses should be worn.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance : White
Physical state : Solid
Odour : Odourless
Auto-ignition temp.: 220°C
Density : 1.50~g/cm³
Solubility in water : Insoluble
Solubility in other solvent: Organic solvents at elevated temperature



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SECTION 10: STABILITY AND REACTIVITY DATA

Stability : Products are stable and inert to most chemicals. None cause a violent reaction. Avoid exposure to open flame.



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Incompatibility : Strong oxidizing agents and strong bases. These agents may cause product decomposition and release of irritating fumes.



Other
Industrial
Tools &
Equipment

Hazardous Polymerisation: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Complete information not yet available.

SECTION 12: ECOLOGICAL INFORMATION

Complete information not yet available.

SECTION 13: DISPOSAL INFORMATION

Dispose of in compliance with federal, state and local government regulation.

SECTION 14: TRANSPORT INFORMATION

Product is safe for any means of transportation without any special precautionary measure.

SECTION 15: REGULATORY INFORMATION

NA

SECTION 16: OTHER INFORMATION

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Note: The information given is in good faith and is based on information supplied by manufacturer. Thus, Dou Yee does not guarantee the accuracy of and completeness thereof. The suitability of the product for any particular use is not suggested or implied. Dou Yee urges each customer or recipient of MSDS to study it carefully to become aware of and understand the hazards related with this product. The reader should consider consulting reference and/or individuals who are experts in regards of the information in this MSDS.



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