Mad Oils, Inc.
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Safety Data Sheet

Product Name: Tennis Ball Breaker
Product Type: Colorant
Ingredients: Polyester-3 (98-99%), Yellow 5 (1-2%)

Physical and Chemical Properties

Form: powder
Odor: Slight aldehyde odor
pH: not applicable
Freezing point, °C: not applicable
Specific gravity: 1.3
Softening point: 270-280° C
Vapor pressure: not applicable
Solubility (in water): insoluble
Particle size: 1-2µ

Hazards Identification

Emergency Overview: Product is a brightly colored fine powder. It will burn if involved in a fire.
Potential Health Effects: Eye contact may irritate or scratch the surface of the eye. Moderate skin contact should not irritate but excessive or prolonged contact or rubbing may cause mechanical irritation. Excessive inhalation of dust may irritate the respiratory tract. Under some conditions of use and storage, air concentrations of formaldehyde reaching or exceeding 0.1 ppm may occur. Formaldehyde is a potential cancer hazard, highly irritating to the eyes, nasal passages, and throat, and may cause sensitization of the respiratory system.
Primary routes of entry: Skin/eye contact.
Carcinogenicity: This product is not considered a carcinogen by OSHA, NTP, or IARC. However, formaldehyde, a byproduct of this product, is a potential cancer hazard (OSHA), a suspected human carcinogen (ACGIH), a probable human carcinogen (IARC), and an experimental animal carcinogen (IARC, NTP). Formaldehyde is known to the P.R. China to cause cancer.
Medical conditions generally aggravated by exposure: By exposure to the product, none known. By exposure to formaldehyde, chronic diseases of the respiratory system, skin, and eyes.

First Aid Measures

Eyes: Flush with water for 15 minutes. If irritation develops, get immediate medical attention.
Skin: Wash with soap and water. If irritation develops, get medical attention.
Inhalation: Move to fresh air. If breathing is difficult, get immediate medical attention.
Ingestion: Do not induce vomiting. Get immediate medical attention.

Fire-Fighting measures

Flammability Classification: Nonflammable.
Flashpoint: None.
Flammable Limits in Air: Not applicable for product. For formaldehyde, LEL=7%, UEL=73%.
Extinguishing Media: Foam, CO_2, dry chemical, water fog.
Unusual Fire and Explosion Hazards: May form an explosive dust cloud if the finely divided particles are suspended in air.
Special Firefighting Procedures: Use self-contained breathing apparatus to protect against potential harmful and/or irritating fumes.

Spillage/Accidental Release Measures

Vacuum or sweep into a suitable container for reuse or appropriate disposal. Wear protective gloves, safety goggles, and a respirator if necessary. Avoid breathing dust and minimize dust generation and accumulation.

Handling and Storage

Handling: Ground and bond containers when transferring product to prevent dust explosion. Avoid dust generation. Use in accordance with good industrial workplace practices. Avoid unnecessary contact. Wash thoroughly after handling.

Storage: store in a dry area away from flames, sparks, static build up, and excessive heat.
Other Precautions: Keep container closed when not in use to protect product quality. For industrial use, only.

Exposure Controls/Personal Protection

Eye protective equipment: Safety glasses with side shields
Hand protection: Choosing the right material of gloves to be worn when handling the dust or preparation
Respiratory protection: Use a NIOSH/MSHA approved respirator as necessary to protect from dust
Skin protection: Use apron, boots or full protective suit
Ventilation: General ventilation, Local exhaust ventilation is recommended control exposures to within applicable limits.

Stability and Reactivity

Reactivity: there may be violent or incandescent reaction of the product with metals at high temperatures (e.g., aluminum; calcium; magnesium; potassium; sodium; zinc; lithium)
Chemical stability: stable under normal conditions
Possibility of hazardous reactions: none
Conditions to avoid: high temperature
Incompatible materials: strongly acidic, strongly alkaline, oxidizing agents
Decomposition products: no information available

Toxicological Information

This inorganic pigment in general is considered to be practically non-toxic
Acute Toxicity Inhalation: Not Available.
Carcinogenicity: Not available

Ecological Information

Toxicity: no data
Persistence and degradability: insoluble in water. This product is predicted not to degrade in soil and water
Bio accumulative potential: no data
Mobility in soil：not applicable
Results of PBT and vPvB assessment: not applicable
Other adverse effects: not known

Disposal Conditions

US EPA Waste Number: Not Regulated
Disposal of Waste Method: This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

Transport Information

International Transport Regulations:
UN/PIN Number: NONE
US Transportation Regulations:
DOT Classification: Not Regulated
Canadian Transportation of Dangerous Goods (TDG):
TDG Classification: Not Regulated

Regulatory Information

According to Directive 67/548/EEC & Directive 1999/45/EC: not classified as dangerous for supply/use
Safety, health and environmental

regulations/legislations specific for the substance or mixture: not available

-Disclaimer-

This safety data sheet is based on the properties of the material known to Mad Oils, Inc. at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances, under which it is packaged, stored or applied in the workplace. For such a safety assessment, Mad Oils, Inc. holds no responsibility. This document is not intended for quality assurance purposes.