

Material Safety Data Sheet - K-Bond Coloring Pigment

Section I. Chemical Product and Company Identification

Trade name K-Bond Coloring Pigments	Product type Color Paste
CAS # Mixture.	Colors covered by this MSDS include: Black, White, Blue, Green, Red, Gray, Red/Brown, Yellow, Brown, and Buff
Not applicable. Chemical name	Chemical formula Not applicable.
Chemical family Coloring material.	
Material uses Used in the pigmentation of polyester resins	
TSCA All ingredients are listed or compliant with TSCA.	
DSL All ingredients are listed or compliant with the NSNR.	
Manufacturer InnoChem LLC 4030 Pleasantdale Road Suite F Doraville, GA 30340 Phone 770-409-8789	In case of emergency InfoTrac

Section II. Information on Hazardous Ingredients

Name	CAS #	% by weight
1) Titanium Dioxide 2) Silica Gel 3) Silica, Amorphous 4) Aluminum Oxide	13463-67-7 112926-00-8 7631-86-9 1344-28-1	60 - 100 1 - 5 1 - 5 1 - 5

Section III. Hazards Identification.

Potential acute health effects This product may irritate eyes and skin upon contact. While ingestion is unlikely it may cause irritation to gastrointestinal tract. May cause nausea, diarrhea, or vomiting.

Potential chronic health effects **CARCINOGENIC EFFECTS:** Titanium Dioxide: Classified A4 (not classifiable for human or animal) by ACGIH. Classified 3 (not classifiable for human) by IARC. Silica Gel: Classified 3 (not classifiable for human) by IARC. Silica, Amorphous: Classified 3 (not classifiable for human) by IARC. Aluminum Oxide: Classified A4 (not classifiable for human or animal) by ACGIH. **MUTAGENIC EFFECTS** Not

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available. **TERATOGENIC EFFECTS** Not available.

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Skin effects:

Prolonged exposure may cause dermatitis.

Section IV. First Aid Measures

Eye contact Flush with a continuous flow of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Use of buffered baby shampoo will aid in removal. Seek medical attention.

Skin contact Gently and thoroughly wash the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.

Hazardous Skin Contact No additional information.

Inhalation Allow the victim to rest in a well ventilated area.

Hazardous Inhalation Move the victim to a safe area as soon as possible. If breathing is difficult, give oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

Ingestion Remove dentures if any. Have conscious person drink several glasses of water or milk. Induce vomiting (by qualified person only). Lower the head so that vomit will not re-enter the mouth and throat. NEVER give an unconscious person anything to ingest. Seek medical attention.

Hazardous Ingestion No additional information.

Section V. Fire and Explosion Data

The product is: Combustible liquid, Class IIIB.

Auto-ignition temperature Not available.

Flash point 240°F (116°C)

Flammable limits Not available.

Products of combustion May produce carbon monoxide, carbon dioxide, and irritating or toxic vapors, gases or particulate. If product contains metal compounds, the toxic fumes may contain fumes of that metal. See Section II.

Fire hazard No specific information is available in our database.

Explosion hazard No specific information is available in our database regarding the product's risks of explosion in the presence of various materials.

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Fire-fighting media and instructions SMALL FIRE: Use carbon dioxide, foam, dry chemical or water fog to extinguish.
LARGE FIRE: Evacuate surrounding areas. Use carbon dioxide, foam, dry chemical or water fog to extinguish. Wear self-contained breathing apparatus (SCBA) and full fire-fighting protective clothing. Cool containing vessels with water spray in order to prevent pressure buildup, autoignition or explosion. Prevent run off to sewers or other water ways.

Section VI. Accidental Release Measures

Small Spill Absorb with an inert material and place in an appropriate waste disposal container.

Large Spill Stop leak if without risk. Eliminate all ignition sources. Contain with an inert material, recover as much as possible and place the remainder in an appropriate waste disposal container. Warn unauthorized personnel to move away. Prevent entry into sewers or confined areas.

Section VII. Handling and Storage

Precautions CAUTION! Use only in well-ventilated areas. Avoid inhalation and contact with eyes, skin, and clothing. Wear appropriate personal protective equipment for your task. Prevent prolonged or repeated skin contact. If product contains metal compounds (section II), avoid dust from dried product or grinding of articles made from this material.

Storage Keep container dry. Containers should be grounded. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

TWA: 10 mg/m³

Section VIII. Exposure Controls/Personal Protection

Exposure limits 1) Titanium Dioxide

OSHA PEL (United States).

TWA: 15 mg/m³

ACGIH TLV (United States). Notes: Total

TWA: 10 mg/m³

2) Silica Gel

OSHA PEL (United States).

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TWA: 6 mg/m³

ACGIH TLV (United States).

TWA: 10 mg/m³

OSHA PEL (United States).

TWA: 6 mg/m³

ACGIH TLV (United States). Notes: Total

TWA: 10 mg/m³

OSHA PEL (United States).

TWA: 10 mg/m³

ACGIH TLV (United States).

3) Silica, Amorphous

4) Aluminum Oxide

Section X. Stability and Reactivity Data

Section IX. Physical and Chemical Properties

Physical state Paste/Dispersion.	Odor Mild.
Color White.	pH (1% soln/water) Not applicable.
Molecular weight (g/mol) Not available.	Boiling point >400°F (204°C)
Melting point Not available.	Specific gravity 1.0 to 2.1
Vapor pressure Not established	Vapor density Not established.
Odor threshold Not established	Water/oil dist. coeff. Not available.
Evaporation rate Not established.	Dispersibility properties Not dispersed in water.

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Solubility in water Negligible.

Engineering controls Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Provide adequate safety showers and eyewashes in the area of use.

Personal protection Personal protective equipment may vary depending on the job being performed. **Eye/Face:** Wear eye protection such as safety glasses with side shields, splash goggles or face shield with safety glasses. **Skin:** Avoid skin contact. Impervious gloves should be worn. Other items may include long sleeves, lab coats, or impervious jackets. **Respiratory:** Determine if airborne concentrations are below the recommended exposure limits in accordance your company's PPE program and regulatory requirements. If they are not, select a NIOSH-approved respirator that provides adequate protection from the concentration levels encountered. Air-purifying respirators are generally adequate for organic vapors. Use positive pressure, supplied-air respirators if there is potential for an uncontrolled release, if exposure levels are unknown, or under circumstances where air-purifying respirators may not provide adequate protection. Reference OSHA 29 CFR 1910.134

Personal protection in case of a large spill Chemical resistant gloves, full protective suit, and boots. Respiratory protection in accordance with OSHA regulation 29 CFR 1910.134. A self-contained breathing apparatus should be used to avoid inhalation of the product vapors.

Section XII. Ecological Information

Ecotoxicity Not available.

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Stability This product is stable as supplied.

Instability temperature Not applicable.

Conditions of instability Not applicable.

Incompatibility with No specific information is available in our database.

various substances

Corrosivity No specific information is available in our database regarding the corrosivity of this product in presence of various materials.

Toxicity to animals Routes of entry Skin contact. Eye contact.
Ingestion.

Section XI. Toxicological Information 1) Titanium Dioxide 2) Silica Gel 3) Silica, Amorphous 4) Aluminum Oxide

Not available. ORAL (LD50): Acute: >10000 mg/kg [Rat]. Not available. Not available.

Special remarks on toxicity to animals No additional remark.

Special remarks on chronic effects on humans No additional remark.

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Special remarks on other toxic effects on humans No additional remark.

Section XIII. Disposal Considerations

Waste disposal Recycle to process, if possible. Toxic characteristic metals may be present (see Section II).

Section XIV. Transport Information

DOT - Shipping description Not regulated. **Labels**

TDG - Shipping description Not regulated. **Labels**

IATA/IMDG - Shipping description IATA: Non Regulated. IMDG: Non Regulated.

Additional information US regulations require the reporting of spills when the amount exceeds the Reportable Quantity (RQ) for specific components of this material. See CERCLA in Section 15, Regulatory Information, for the Reportable Quantities.

Section XV. Other Regulatory Information

Other regulations OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). SARA 313 component(s): None. SARA 302 component(s): None. **This section does not reference all applicable regulatory compliance lists.** CERCLA RQ(s): None.

Section XVI. Other Information

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References -Transportation of Dangerous Goods Act - "Regulations respecting the handling, offering for transport and transporting of dangerous goods." Extract from the Canada Gazette Part II -Canada Gazette Part II, Hazardous Products Act "Ingredient Disclosure List". -Manufacturer's Material Safety Data Sheet. -29 CFR 1910.1000, Z - Tables -ACGIH 2000 TLVs for Chemical Substances and Physical Agents -Registry of Toxic Effects of Chemical Substances (RTECS) -California Code of Regulation Proposition 65

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Section XVI. Other Information

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