

## Material Safety Data Sheet - K-Bond Coloring Pigment

<b>Section I. Chemical Product and Company Identification</b>		
Trade name <b>K-Bond Coloring Pigments</b>	Product type <b>Color Paste</b>	
CAS # Mixture.	<b>Colors covered by this MSDS include:</b> 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	
<b>Section II. Information on Hazardous Ingredients</b>		
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

**Material Safety Data Sheet - K-Bond Coloring Pigment**

available. **TERATOGENIC EFFECTS** Not available.

**Section III. Hazards Identification.**

**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.

**Material Safety Data Sheet - K-Bond Coloring Pigment**

**Fire-fighting media and SMALL FIRE:** Use carbon dioxide, foam, dry chemical or water fog to extinguish.  
**instructions 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/m<sup>3</sup>

**Section VIII. Exposure Controls/Personal Protection**

Exposure limits	1) Titanium Dioxide	<b>OSHA PEL (United States).</b>
		TWA: 15 mg/m <sub>3</sub>
		<b>ACGIH TLV (United States). Notes: Total</b>
		TWA: 10 mg/m <sub>3</sub>
	2) Silica Gel	<b>OSHA PEL (United States).</b>

## Material Safety Data Sheet - K-Bond Coloring Pigment

TWA: 6 mg/m<sup>3</sup>

**ACGIH TLV (United States).**

TWA: 10 mg/m<sup>3</sup>

**OSHA PEL (United States).**

TWA: 6 mg/m<sup>3</sup>

**ACGIH TLV (United States). Notes: Total**

TWA: 10 mg/m<sup>3</sup>

**OSHA PEL (United States).**

TWA: 10 mg/m<sup>3</sup>

**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.

## Material Safety Data Sheet - K-Bond Coloring Pigment

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.

**Material Safety Data Sheet - K-Bond Coloring Pigment**

**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.

**Material Safety Data Sheet - K-Bond Coloring Pigment**

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**

## Material Safety Data Sheet - K-Bond Coloring Pigment

**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

Prepared by InnoChem, LLC - Corporate Regulatory Affairs. 103

### LEGAL DISCLAIMER

**Supersedes Date:** 10/17/2003 **Effective Date:** 01/16/2011

### **Section XVI. Other Information**

*The information contained in this data sheet is furnished in good faith and without warranty, representation, or inducement or license of any kind, except that it is accurate to the best of InnoChem, LLC's knowledge, or was obtained from sources believed by InnoChem, LLC to be reliable. The accuracy, adequacy or completeness of health and safety precautions set forth herein cannot be guaranteed, and the buyer is solely responsible for ensuring that the product is used, handled, stored, and disposed of safely and in compliance with applicable federal, state or provincial, and local laws. InnoChem, LLC disclaims liability for any loss, damage or personal injury that arises from, or is in any way related to, use of the information contained in this data sheet.*