



**Knight-Celotex Fiberboard™**  
a Knight Company

**Material Safety Data Sheet**  
**Danville Plant**  
StructoDek®

**SECTION I - IDENTIFICATION**

**Knight-Celotex LLC**  
**One Northfield Plaza Suite 400**  
**Northfield IL 60093-1215**  
**Technical Questions: 800-596-9699**

**MSDS Number: 0001-86F**  
**Effective Date: 04/12/2005**

**Trade Name: Structodek® high density Roof Insulation, Laminated Board, and Coated 1 & 6 Sided**

**SECTION II – INGREDIENTS**

Ingredient	CAS Number	%* Approx	OSHA PEL	ACGIH TLV	Comments
01 Cellulose	9004-34-6	<95	5	5	mg/m <sup>3</sup> Resp
02 Starch	9005-84-9	<9	5	5	mg/m <sup>3</sup> Resp
03 Clay	NONE	1	5	5	mg/m <sup>3</sup> Resp
04 Carbon Black	1333-86-4	1	3.5	3.5	mg/m <sup>3</sup>
05 Wax	NONE	1	NONE	NONE	
06 Laminating Adhesive	NONE	<3.5	NONE	NONE	

**\*% Approximate**



Wood Dust: May cause nasal dryness, irritation and obstruction. Coughing, wheezing, and sneezing sinusitis and prolonged colds have also been reported. Depending on species, may cause respiratory sensitization and/or irritation. IARC classifies wood dust as a carcinogen to humans (Group 1). This classification is based primarily on IARC's evaluation of increased risk in the occurrence of adenocarcinomas of the nasal cavities and paranasal sinuses associated with exposure to wood dust. IARC did not find sufficient evidence to associate cancers of the oropharynx, hypopharynx, lung, lymphatic and hematopoietic systems, stomach, colon or rectum with exposure to wood dust.

## **SECTION VI – REACTIVITY DATA**

Stable

Conditions to avoid: None known

Incompatibilities: None known

Hazardous Decomposition Products: None known

## **SECTION VII – TOXICOLOGICAL INFORMATION**

The U. S. National Toxicology Program (NTP) or the U.S. Occupational Safety and Health Administration (OSHA) do not designate carbon black as a carcinogen.

The American Conference of Governmental Industrial Hygienists (ACGIH) classifies carbon black as 4A, Not Classifiable as a Human Carcinogen.

Components of this product are not listed as toxic chemicals under Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA).

The U.S. National Institute of Occupational Safety and Health (NIOSH) criteria document on carbon black recommends only carbon blacks with polycyclic aromatic hydrocarbons (PAH) levels greater than 0.1% be considered suspect carcinogens. The carbon black used in this product contains less than 0.1% of PAH.

The International Agency for Research on Cancer (IARC) classifies carbon black as Group 2B, carbon black is possibly carcinogenic to humans, based on rat inhalation studies. In the Monograph 65, issued in 1996, IARC reevaluated carbon black and concluded, "There is inadequate evidence for the carcinogenicity of carbon black".

### **SECTION VIII – SPILL AND LEAK PROTECTION**

Steps to be taken in case material is released or spilled: Normal housekeeping  
Disposal Method: In accordance with federal, state, and local regulations

### **SECTION IX – SPECIAL PROTECTION INFORMATION**

Ventilation: when fabricating use sufficient ventilation to keep exposures below TLV

Respiratory Protection: dust mask (use only NIOSH certified devices)

Protective Clothing: not normally necessary

Eye Protection: as necessary.

### **SECTION X – HANDLING AND STORAGE**

Store in a dry well-ventilated area. Material should be kept dry before application.

### **SECTION XI – SPECIAL PRECAUTIONS**

Use of high-speed rotary cutting tools may create excessive dust. Avoid dust inhalation with adequate ventilation and the use of respiratory protection.

**Information listed is believed to be accurate but not warranted or guaranteed.**



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**Sunbury Plant**  
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