



**Section 1 - Product and Company Identification**

- Material Name**
  - **CertainTeed FlintBoard™ ISO-WF, FlintBoard™ ISO-DD, FlintBoard™ ISO Plus**
- Product Description**
  - ISO-WF - White or cream colored foam solid with dark gray glass fiber reinforced felt facing on one side and a 1/2" wood fiberboard on the opposite. ISO-DD - 1/2" gypsum board adhered to the foam board. ISO Plus - 1/2" perlite board adhered to foam board.
- Product Use**
  - Polyisocyanurate roofing insulation composite.
- Manufacturer**
  - CertainTeed Corporation  
750 E. Swedesford Road  
P.O. Box 860 Valley Forge, PA 19482-0105  
United States  
www.certainteed.com  
CertainTeed - EHS@saint-gobain.com
- Telephone**
  - (610) 341-7000 - 9 AM – 5 PM (Eastern Time – USA)
  - (800) 424-9300 - Chemtrec
  - (703) 527-3887 - Outside of the U.S. Chemtrec
- Technical**
- Emergency**
- Emergency**
- Preparation Date**
  - 10/11/2011
- Last Revision Date**
  - 10/11/2011

**Key to abbreviations**

‡ = HMIS is a registered trademark of the American Coatings Association

**Section 2 - Hazards Identification**

**Emergency Overview**

**Storage/Disposal** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

*Product is a solid formed article. With exception of the blowing agent, this product does not present an inhalation, ingestion or contact health hazard unless subjected to operations such as sawing, sanding or machining that result in the generation of airborne particulates (dusts). Exposure to high dust levels may irritate skin, eyes, nose, throat or upper respiratory tract. Inhalation of large amounts of dust over long periods may overload lung clearance mechanisms and make lungs more vulnerable to respiratory disease.*

- Physical Form**
  - Solid
- Color**
  - White or cream/Dark gray.
- Odor**
  - Negligible
- OSHA**
  - None
- WHMIS**
  - None
- GHS**
  - None

## Potential Health Effects

### Inhalation

#### Acute (Immediate)

- Under normal conditions of use, no health effects are expected. Exposure to dust may cause irritation. Overexposure to high concentrations of pentane can cause narcotic effects. Signs and symptoms of overexposure to pentane include headache, nausea, dizziness, difficulty walking or sleepiness.

#### Chronic (Delayed)

- There is no evidence that dusts generated from these product cause disease in humans. Facer dusts containing carbon black pigment are not analogous to the raw carbon black powder for which human carcinogenicity is suspected. No chronic effects are known for exposure to pentane vapors. No chronic health effects are known to be associated with exposure to glass fibers. Results from epidemiological studies have not shown any increase in respiratory disease or cancer. Repeated exposures (even below 5 mg/m<sup>3</sup>) to certain wood dusts, such as western red cedar, can be allergenic for some sensitive individuals. There is no evidence that dusts of mineral components of these products cause disease in humans.

### Skin

#### Acute (Immediate)

- Under normal conditions of use, no health effects are expected. Exposure to dust may cause irritation.

#### Chronic (Delayed)

- None known.

### Eye

#### Acute (Immediate)

- Under normal conditions of use, no health effects are expected. Exposure to dust may cause irritation.

#### Chronic (Delayed)

- None known.

### Ingestion

#### Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

#### Chronic (Delayed)

- No data available.

*See Section 12 for Ecological Information.*

## Section 3 - Composition/Information on Ingredients

### Hazardous Components

Chemical Name	CAS	%(weight)	UN;EINECS	LD50/LC50	EU Classification & R Phrases	Other
Isocyanurate homopolymer	NDA	23% TO 41%	NDA	NDA	NDA	Polyiso foam
Perlite	93763-70-3	20% TO 40%	NDA	Ingestion/Oral-Mouse LD50 · 12960 mg/kg	NDA	Composite Board in ISO-Plus only
Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	266-046-0	NDA	NDA	Felt facer (all) & Composite board in ISO-DD only
Carbon Black	1333-86-4	0.07% TO 0.14%	215-609-9	Ingestion/Oral-Rat LD50 · >15400 mg/kg Skin-Rabbit LD50 · >3 g/kg	NDA	Felt facer pigment
Calcium sulfate	7778-18-9	68%	231-900-3	NDA	NDA	Composite Board in ISO-DD only
Wood fiber	NDA	<= 60%	NDA	NDA	NDA	Composite board in ISO-WF (max)
Pentane	109-66-0	< 2.5%	UN1265, 203-692-4	Inhalation-Rat LC50 · 364 g/m <sup>3</sup> 4 Hour(s) Ingestion/Oral-Rat LD50 · >2000 mg/kg	F+; R12 N; R51 R53 Xn; R65 R66 R67	Residual blowing agent

Under United States Regulations (29 CFR 1910.1200(c) - Hazard Communication Standard), the product(s) listed above are exempt as article(s) under stated normal conditions of use. Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use. This product as an article is outside the scope of the UN Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for Toxicological Information.

### Section 4 - First Aid Measures

#### Inhalation

- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Drink water to clear throat and blow nose to remove dust.

#### Skin

- Wash skin with soap and water. If signs/symptoms develop, get medical attention.

#### Eye

- Flush eyes with water for at least 15 minutes while holding eyelids open. If eye irritation persists: Get medical advice/attention. Do not rub or scratch your eyes.

#### Ingestion

- First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Product is not intended to be ingested or eaten. If swallowed, DO NOT induce vomiting. Rinse mouth.

#### Notes to Physician

- This product is a mechanical irritant and is not expected to produce any chronic health effects from acute exposures. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary.

See Section 2 for Potential Health Effects.

### Section 5 - Fire Fighting Measures

#### Extinguishing Media

- Use extinguishing media appropriate for surrounding fire. Use fog, foam, CO<sub>2</sub>, Dry Chemical, or water.

#### Unsuitable Extinguishing Media

- None known.

#### Firefighting Procedures

- Remove burned or wet wood dust to open area after fire is extinguished.

## Unusual Fire and Explosion Hazards

- Under fire conditions, toxic and irritating fumes may be emitted. Pentane vapors may be produced from freshly produced foam or when product is heated. Pentane concentrations between its lower and upper explosion limits (LEL=1.5% and UEL=7.8%) may accumulate under unique circumstances inside a sealed container or within confined areas. If such concentrations are provided a source of ignition, there may be a very high rate of flame propagation. The top boards in the ISO-WF and/or the ISO Plus products contain wood fibers. Sawing, sanding or machining wood may generate wood dust. Wood dust is a strong to severe explosion hazard if a dust cloud contacts an ignition source. An airborne concentration of 40 grams per cubic meter of air is often used as the LEL for wood dust. Partially burned dust presents a special fire hazard if dispersed into the air.

## Hazardous Combustion Products

- Carbon monoxide, carbon dioxide and other undetermined hydrocarbon fractions.

## Protection of Firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### Personal Precautions

- Take proper precautions to minimize exposure by using appropriate personal protective equipment. Ventilate enclosed areas.

### Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Ventilate area as necessary to reduce any airborne dusts to a safe level before entry unless personal protective equipment is adequate for protection.

### Containment/Clean-up Measures

- Pick up large pieces. Vacuum dust. If sweeping is necessary, use a dust suppressant such as water. These procedures will help to minimize potential exposures. Scoop up material and put into a suitable container for disposal as a non-hazardous waste.

## Section 7 - Handling and Storage

### Handling

- Use good safety and industrial hygiene practices. Avoid breathing dust generated when sawing, routing, drilling, and sanding this product.

### Storage

- Store away from heat, sparks and open flames. Store in a cool, dry, well ventilated area.

### Special Packaging Materials

- No data available

### Incompatible Materials or Ignition Sources

- To prevent deterioration avoid contact with acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethylene dichloride, dimethyl sulfoxide and dimethyl formamide.

## Section 8 - Exposure Controls/Personal Protection

### Personal Protective Equipment

#### Pictograms

-  

#### Respiratory

- Respiratory protection may be needed if exposure limit for dust is exceeded or if the material is used in poorly ventilated area. Follow the OSHA respirator regulations found in 29 CFR 1910.134.

#### Eye/Face

- Wear safety glasses or goggles.

#### Hands

- Wear appropriate gloves.

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Glass, oxide, chemicals	TWAs	1 fiber/cm <sup>3</sup> TWA (respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination)  <i>as Glass wool fiber</i>	3 fibers/cm <sup>3</sup> TWA (fibers <= 3.5 µm in diameter and >= 10 µm in length); 5 mg/m <sup>3</sup> TWA (total)  <i>as Glass wool fiber</i>	Not established
Carbon Black (1333-86-4)	TWAs	3.5 mg/m <sup>3</sup> TWA	3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (carbon black in presence of polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m <sup>3</sup> TWA
Formaldehyde (50-00-0)	STELs	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	0.3 ppm Ceiling	0.1 ppm Ceiling (15 min)	Not established
Pentane (109-66-0)	TWAs	600 ppm TWA	120 ppm TWA; 350 mg/m <sup>3</sup> TWA	1000 ppm TWA; 2950 mg/m <sup>3</sup> TWA
	Ceilings	Not established	610 ppm Ceiling (15 min); 1800 mg/m <sup>3</sup> Ceiling (15 min)	Not established
Perlite (93763-70-3)	TWAs	Not established	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	Not established
Wood fiber	TWAs	Not established	1 mg/m <sup>3</sup> TWA  <i>as Wood dust, all soft and hard woods</i>	Not established
Calcium sulfate (7778-18-9)	TWAs	10 mg/m <sup>3</sup> TWA (inhalable fraction)	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)

**Key to abbreviations**

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short Term Exposure Limits are based on 15-minute exposures

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties			
<b>Physical Form:</b>	Solid	<b>Appearance/Description:</b>	ISO-WF - White or cream colored foam solid with dark gray glass fiber reinforced felt facing on one side and a 1/2" wood fiberboard on the opposite. ISO-DD - 1/2" gypsum board adhered to the foam board. ISO Plus - 1/2" perlite board adhered to foam board.
<b>Color:</b>	White or cream/Dark gray.	<b>Odor:</b>	Negligible
<b>Taste:</b>	No data available	<b>Particulate Type:</b>	No data available
<b>Particulate Size:</b>	No data available	<b>Aerosol Type:</b>	No data available
<b>Odor Threshold:</b>	No data available	<b>Boiling Point:</b>	No data available
<b>Melting Point:</b>	> 250 F(> 121.1111 C)	<b>Decomposition Temperature:</b>	No data available

Heat of Decomposition:	No data available	pH:	No data available
Specific Gravity/Relative Density:	< 1 Water=1	Density:	No data available
Bulk Density:	No data available	Water Solubility:	Insoluble
Solvent Solubility:	No data available	Viscosity:	No data available
Vapor Pressure:	No data available	Vapor Density:	No data available
Evaporation Rate:	No data available	VOC (Wt.):	No data available
VOC (Vol.):	No data available	Volatiles (Wt.):	No data available
Volatiles (Vol.):	< 1	Flash Point:	No data available
Flash Point Test Type:	No data available	UEL:	No data available
LEL:	No data available	Heat of Combustion ( $\Delta H_c$ ):	No data available
Autoignition:	No data available	Self-Accelerating Decomposition Temperature (SADT):	No data available
Burning Time:	No data available	Flame Duration:	No data available
Flame Height:	No data available	Flame Extension:	No data available
Ignition Distance:	No data available	Half-Life:	No data available
Octanol/Water Partition coefficient:	No data available	Coefficient of water/oil distribution:	No data available
Bioaccumulation Factor:	No data available	Bioconcentration Factor:	No data available
Biochemical Oxygen Demand BOD/BOD5:	No data available	Chemical Oxygen Demand:	No data available
Persistence:	No data available	Degradation:	No data available

## Section 10 - Stability and Reactivity

### Stability

- Stable under normal temperatures and pressures.

### Hazardous Polymerization Conditions to Avoid

- Hazardous polymerization will not occur.
- No data available.

### Incompatible Materials

- To prevent deterioration avoid contact with acetone, methyl ethyl ketone, tetrahydrofuran, chlorine, chloroform, hydrogen peroxide, ethylene dichloride, dimethyl sulfoxide and dimethyl formamide.

### Hazardous Decomposition Products

- None identified.

## Section 11 - Toxicological Information

Component Name	Concentration	CAS	Data
Perlite	20% TO 40%	93763-70-3	Acute Toxicity: orl-mus LD50:12960 mg/kg

Glass, oxide, chemicals	0% TO 2.02%	65997-17-3	<b>Acute Toxicity:</b> ihl-rat TCLo:16 mg/m3/6H/13W-l
Carbon Black	0.07% TO 0.14%	1333-86-4	<b>Acute Toxicity:</b> ihl-rat TCLo:50 mg/m3; ihl-rat TCLo:1 mg/m3/13W-l; <b>Mutagen:</b> dnd-rat-ihl 50 ug/L/13W-l; <b>Tumorigen/Carcinogen:</b> ihl-rat TCLo:11600 ug/m3/18H/2Y-l
Pentane	< 2.5%	109-66-0	<b>Acute Toxicity:</b> ihl-rat LC50:364 gm/m3/4H

**Key to abbreviations**

LD = Lethal Dose

TC = Toxic Concentration

LC = Lethal Concentration

**Section 12 - Ecological Information**

- Ecological Fate**                      ▪ No data available
- Persistence/Degradability**    ▪ No data available
- Bioaccumulation Potential**     ▪ No data available
- Mobility in Soil**                 ▪ No data available

Chemicals in this material are not expected to cause harm to aquatic or terrestrial plants or animals; however, fish or other animals may eat the product, which could obstruct their digestive tracts.

**Section 13 - Disposal Considerations**

- Product**                             ▪ Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transportation Information**

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

**Section 15 - Regulatory Information**

**SARA Hazard Classifications**   ▪ None

State Right To Know				
Component	CAS	MA	NJ	PA
Isocyanurate homopolymer	NDA	No	No	No
Perlite	93763-70-3	Yes	Yes	Yes
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
Calcium sulfate	7778-18-9	Yes	Yes	Yes
Wood fiber	NDA	No	No	No
Pentane	109-66-0	Yes	Yes	Yes
Formaldehyde	50-00-0	Yes	Yes	Yes

**Inventory**

Component	CAS	Canada DSL	Canada NDSL	TSCA
Isocyanurate homopolymer	NDA	No	No	No
Perlite	93763-70-3	Yes	No	No
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Carbon Black	1333-86-4	Yes	No	Yes
Calcium sulfate	7778-18-9	Yes	No	Yes
Wood fiber	NDA	No	No	No
Pentane	109-66-0	Yes	No	Yes
Formaldehyde	50-00-0	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Ingredient Disclosure List

● Pentane	109-66-0	< 2.5%	1 %
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	1 %
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	0.1 %

### Environment

#### Canada - CEPA - Priority Substances List

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	Priority Substance List 2 (substance considered toxic)

## United States

### Labor

#### U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	1000 lb TQ

#### U.S. - OSHA - Specifically Regulated Chemicals

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	2 ppm STEL (Irritant and potential cancer hazard, See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level; 0.75 ppm TWA

## Environment

### U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	

### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	100 lb final RQ; 45.4 kg final RQ

### U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	Not Listed

### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	100 lb EPCRA RQ

### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	500 lb TPQ

### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	0.1 % de minimis concentration

### U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed

- Formaldehyde 50-00-0 < 1% Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII**

- Pentane 109-66-0 < 2.5% Not Listed
- Calcium sulfate 7778-18-9 68% Not Listed
- Perlite 93763-70-3 20% TO 40% Not Listed
- Carbon Black 1333-86-4 0.07% TO 0.14% Not Listed
- Glass, oxide, chemicals 65997-17-3 0% TO 2.02% Not Listed
- Formaldehyde 50-00-0 < 1% Included in waste streams: K009, K010, K038, K040, K156, K157

**U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261**

- Pentane 109-66-0 < 2.5% Not Listed
- Calcium sulfate 7778-18-9 68% Not Listed
- Perlite 93763-70-3 20% TO 40% Not Listed
- Carbon Black 1333-86-4 0.07% TO 0.14% Not Listed
- Glass, oxide, chemicals 65997-17-3 0% TO 2.02% Not Listed
- Formaldehyde 50-00-0 < 1% waste number U122

**U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics**

- Pentane 109-66-0 < 2.5% Not Listed
- Calcium sulfate 7778-18-9 68% Not Listed
- Perlite 93763-70-3 20% TO 40% Not Listed
- Carbon Black 1333-86-4 0.07% TO 0.14% Not Listed
- Glass, oxide, chemicals 65997-17-3 0% TO 2.02% Not Listed
- Formaldehyde 50-00-0 < 1% waste number U122

**United States - California**

**Environment**

**U.S. - California - Proposition 65 - Carcinogens List**

- Pentane 109-66-0 < 2.5% Not Listed
- Calcium sulfate 7778-18-9 68% Not Listed
- Perlite 93763-70-3 20% TO 40% Not Listed
- Carbon Black 1333-86-4 0.07% TO 0.14% carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
- Glass, oxide, chemicals 65997-17-3 0% TO 2.02% Not Listed
- Formaldehyde 50-00-0 < 1% carcinogen, initial date 1/1/88 (gas)

**U.S. - California - Proposition 65 - Developmental Toxicity**

- Pentane 109-66-0 < 2.5% Not Listed
- Calcium sulfate 7778-18-9 68% Not Listed
- Perlite 93763-70-3 20% TO 40% Not Listed
- Carbon Black 1333-86-4 0.07% TO 0.14% Not Listed
- Glass, oxide, chemicals 65997-17-3 0% TO 2.02% Not Listed
- Formaldehyde 50-00-0 < 1% Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**

- Pentane 109-66-0 < 2.5% Not Listed
- Calcium sulfate 7778-18-9 68% Not Listed
- Perlite 93763-70-3 20% TO 40% Not Listed
- Carbon Black 1333-86-4 0.07% TO 0.14% Not Listed
- Glass, oxide, chemicals 65997-17-3 0% TO 2.02% Not Listed
- Formaldehyde 50-00-0 < 1% Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	40 µg/day NSRL

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Male**

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	Not Listed

**United States - Pennsylvania**

**Labor**

**U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	

**U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances**

● Pentane	109-66-0	< 2.5%	Not Listed
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Not Listed
● Carbon Black	1333-86-4	0.07% TO 0.14%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	

**United States - Rhode Island**

**Labor**

**U.S. - Rhode Island - Hazardous Substance List**

● Pentane	109-66-0	< 2.5%	Toxic; Flammable
● Calcium sulfate	7778-18-9	68%	Not Listed
● Perlite	93763-70-3	20% TO 40%	Toxic (dust)
● Carbon Black	1333-86-4	0.07% TO 0.14%	Toxic
● Glass, oxide, chemicals	65997-17-3	0% TO 2.02%	Not Listed
● Formaldehyde	50-00-0	< 1%	Toxic; Flammable; Carcinogen

**Additional Regulatory Information**

- **WARNING:** This product contains a chemical known to the State of California to cause cancer.

## Section 16 - Other Information

- Preparation Date**                   ▪ 10/11/2011
- Last Revision Date**               ▪ 10/11/2011
- Disclaimer/Statement of Liability**                   ▪ Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

**Key to abbreviations**

NDA = No Data Available