

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. The pieces of wood in oriented strand board (OSB) are bonded together with phenol-formaldehyde resin, which may contain small quantities of residual formaldehyde. Formaldehyde can cause temporary irritation of the nose and throat.

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/m³) to certain wood dusts, such as western red cedar, can be allergenic for some sensitive individuals. OSB used in this product is made from southern yellow pine and other species to which most individuals are not sensitive. Formaldehyde is a probable human carcinogen. There is no evidence that polystyrene foam dust causes 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
Oriented strand board	NDA	87%	NDA	NDA	NDA	NDA
Isocyanurate homopolymer	NDA	9.3%	NDA	NDA	NDA	Polyiso foam
Felt facer	NDA	2.5%	NDA	NDA	NDA	NDA
Styrene polymer	9003-53-6	1.2%	NDA	Inhalation-Rat LC50 · 56.6 g/m ³ 30 Minute(s)	NDA	CV & CV-R products only - polystyrene foam
Pentane	109-66-0	< 0.6%	UN1265, 203-692-4	Inhalation-Rat LC50 · 364 g/m ³ 4 Hour(s) Ingestion/Oral-Rat LD50 · >2000 mg/kg	F+; R12 N; R51 R53 Xn; R65 R66 R67	Polyiso foam (residual blowing agent)
Glass, oxide, chemicals	65997-17-3	0.25%	266-046-0	NDA	NDA	Felt facer
Carbon Black	1333-86-4	0.125%	215-609-9	Ingestion/Oral-Rat LD50 · >15400 mg/kg	NDA	Felt facer pigment
2-Methylbutane (In Liquid form)	78-78-4	< 0.1%	201-142-8	Inhalation-Rat LC50 · 280000 mg/m ³ 4 Hour(s)	F+; R12 N; R51 R53 Xn; R65 R66 R67	CV & CV-R products only; Residual blowing agent
Cyclopentane	287-92-3	< 0.1%	UN1146, 206-016-6	Ingestion/Oral-Rat LD50 · 11400 mg/kg Inhalation-Rat LC50 · 106000 mg/m ³	F; R11 R52 R53	CV & CV-R products only - Residual blowing agent
Ethenylbenzene	100-42-5	< 0.1%	UN2055, 202-851-5	Ingestion/Oral-Rat LD50 · 2650 mg/kg Inhalation-Rat LC50 · 2770 ppm 4 Hour(s)	R10 Xn; R20 Xi; R36/38	CV & CV-R products only; (residual styrene)

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. Get medical 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. Some individuals may have an allergenic response. 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 fog, foam, CO₂, Dry Chemical, or water.
Use extinguishing media appropriate for surrounding fire.

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. These products contain wood components. 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 protective 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.

Environmental Precautions

- Prevent entry into waterways and sewers.

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 place.

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
Ethenylbenzene (100-42-5)	Ceilings	Not established	Not established	200 ppm Ceiling
	TWAs	20 ppm TWA	50 ppm TWA; 215 mg/m ³ TWA	100 ppm TWA
	STELs	40 ppm STEL	100 ppm STEL; 425 mg/m ³ STEL	Not established
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
Cyclopentane (287-92-3)	TWAs	600 ppm TWA	600 ppm TWA; 1720 mg/m ³ TWA	Not established
2-Methylbutane (In Liquid form) (78-78-4)	TWAs	600 ppm TWA	Not established	Not established
Carbon Black (1333-86-4)	TWAs	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA; 0.1 mg/m ³ TWA (carbon black in presence of polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m ³ TWA
Glass, oxide, chemicals	TWAs	1 fiber/cm ³ 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 ³ TWA (fibers ≤ 3.5 µm in diameter and ≥ 10 µm in length); 5 mg/m ³ TWA (total) <i>as Glass wool fiber</i>	Not established
Pentane (109-66-0)	TWAs	600 ppm TWA	120 ppm TWA; 350 mg/m ³ TWA	1000 ppm TWA; 2950 mg/m ³ TWA
	Ceilings	Not established	610 ppm Ceiling (15 min); 1800 mg/m ³ Ceiling (15 min)	Not established
Oriented strand board	TWAs	Not established	1 mg/m ³ TWA <i>as Wood dust, all soft and hard woods</i>	Not established

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

			ISO-NB: White or cream-colored foam solid with a dark gray fiber-reinforced facing on one side and a minimum 7/16" OSB board on the opposite side. CV: White or cream-colored foam solid with a dark gray fiber-reinforced facing on one side and a minimum 7/16" OSB
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Physical Form:	Solid	Appearance/Description:	board on the opposite side, with polystyrene foam vent strips separating the OSB from the foam. CV-R:White or cream-colored foam solid with a dark gray fiber-reinforced facing on one side and a minimum 7/16" OSB board on the opposite side, with polystyrene foam vent strips separating the OSB from the foam. OSB has a radiant foil barrier on the side that is facing the foam board.
Color:	White or cream/Dark gray.	Odor:	Negligible
Taste:	No data available	Particulate Type:	No data available
Particulate Size:	No data available	Aerosol Type:	No data available
Odor Threshold:	No data available	Boiling Point:	No data available
Melting Point:	> 250 F(> 121.1111 C)	Decomposition Temperature:	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:	Insoluble	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 (ΔH_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

State Right To Know

Component	CAS	MA	NJ	PA
Oriented strand board	NDA	No	No	Yes
Isocyanurate homopolymer	NDA	No	No	No
Felt facer	NDA	No	No	No
Styrene polymer	9003-53-6	No	No	No
Pentane	109-66-0	Yes	Yes	Yes
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
2-Methylbutane (In Liquid form)	78-78-4	Yes	Yes	Yes
Cyclopentane	287-92-3	Yes	Yes	Yes
Ethenylbenzene	100-42-5	Yes	Yes	Yes
Formaldehyde	50-00-0	Yes	Yes	Yes

Inventory

Component	CAS	Canada DSL	Canada NDSL	TSCA
Oriented strand board	NDA	No	No	No
Isocyanurate homopolymer	NDA	No	No	No
Felt facer	NDA	No	No	No
Styrene polymer	9003-53-6	Yes	No	Yes
Pentane	109-66-0	Yes	No	Yes
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Carbon Black	1333-86-4	Yes	No	Yes
2-Methylbutane (In Liquid form)	78-78-4	Yes	No	Yes
Cyclopentane	287-92-3	Yes	No	Yes
Ethenylbenzene	100-42-5	Yes	No	Yes
Formaldehyde	50-00-0	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Ingredient Disclosure List

- Cyclopentane 287-92-3 < 0.1% 1 %
- Pentane 109-66-0 < 0.6% 1 %
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% 1 %
- Ethenylbenzene 100-42-5 < 0.1% 0.1 %
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% 0.1 %

Environment

Canada - CEPA - Priority Substances List

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Priority Substance List 1 (substance not considered toxic)
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Priority Substance List 2 (substance considered toxic)

United States

Labor

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% 1000 lb TQ

U.S. - OSHA - Specifically Regulated Chemicals

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed

- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1%
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1%

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% 1000 lb final RQ; 454 kg final RQ
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% 100 lb final RQ; 45.4 kg final RQ

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Not Listed

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% 100 lb EPCRA RQ

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% 500 lb TPQ

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% 0.1 % de minimis concentration
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% 0.1 % de minimis concentration

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Included in waste streams: K009, K010, K038, K040, K156, K157

U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1%
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Not Listed

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% waste number U122

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1%
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1%
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Not Listed

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed

● 2-Methylbutane (In Liquid form)	78-78-4	< 0.1%	Not Listed
● Carbon Black	1333-86-4	0.125%	Not Listed
● Ethenylbenzene	100-42-5	< 0.1%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0.25%	Not Listed
● Styrene polymer	9003-53-6	1.2%	Not Listed
● Formaldehyde	50-00-0	< 0.1%	waste number U122

United States - California

Environment

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

● Cyclopentane	287-92-3	< 0.1%	Not Listed
● Pentane	109-66-0	< 0.6%	Not Listed
● 2-Methylbutane (In Liquid form)	78-78-4	< 0.1%	Not Listed
● Carbon Black	1333-86-4	0.125%	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
● Ethenylbenzene	100-42-5	< 0.1%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0.25%	Not Listed
● Styrene polymer	9003-53-6	1.2%	Not Listed
● Formaldehyde	50-00-0	< 0.1%	carcinogen, initial date 1/1/88 (gas)

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

● Cyclopentane	287-92-3	< 0.1%	Not Listed
● Pentane	109-66-0	< 0.6%	Not Listed
● 2-Methylbutane (In Liquid form)	78-78-4	< 0.1%	Not Listed
● Carbon Black	1333-86-4	0.125%	Not Listed
● Ethenylbenzene	100-42-5	< 0.1%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0.25%	Not Listed
● Styrene polymer	9003-53-6	1.2%	Not Listed
● Formaldehyde	50-00-0	< 0.1%	Not Listed

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

● Cyclopentane	287-92-3	< 0.1%	Not Listed
● Pentane	109-66-0	< 0.6%	Not Listed
● 2-Methylbutane (In Liquid form)	78-78-4	< 0.1%	Not Listed
● Carbon Black	1333-86-4	0.125%	Not Listed
● Ethenylbenzene	100-42-5	< 0.1%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0.25%	Not Listed
● Styrene polymer	9003-53-6	1.2%	Not Listed
● Formaldehyde	50-00-0	< 0.1%	Not Listed

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

● Cyclopentane	287-92-3	< 0.1%	Not Listed
● Pentane	109-66-0	< 0.6%	Not Listed
● 2-Methylbutane (In Liquid form)	78-78-4	< 0.1%	Not Listed
● Carbon Black	1333-86-4	0.125%	Not Listed
● Ethenylbenzene	100-42-5	< 0.1%	Not Listed
● Glass, oxide, chemicals	65997-17-3	0.25%	Not Listed
● Styrene polymer	9003-53-6	1.2%	Not Listed
● Formaldehyde	50-00-0	< 0.1%	40 µg/day NSRL

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

● Cyclopentane	287-92-3	< 0.1%	Not Listed
● Pentane	109-66-0	< 0.6%	Not Listed
● 2-Methylbutane (In Liquid form)	78-78-4	< 0.1%	Not Listed
● Carbon Black	1333-86-4	0.125%	Not Listed

- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Not Listed

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1% Not Listed

United States - Pennsylvania

Labor

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1%
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1%

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

- Cyclopentane 287-92-3 < 0.1% Not Listed
- Pentane 109-66-0 < 0.6% Not Listed
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Not Listed
- Ethenylbenzene 100-42-5 < 0.1% Not Listed
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 0.1%

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

- Cyclopentane 287-92-3 < 0.1% Toxic; Flammable
- Pentane 109-66-0 < 0.6% Toxic; Flammable
- 2-Methylbutane (In Liquid form) 78-78-4 < 0.1% Not Listed
- Carbon Black 1333-86-4 0.125% Toxic
- Ethenylbenzene 100-42-5 < 0.1% Toxic; Flammable
- Glass, oxide, chemicals 65997-17-3 0.25% Not Listed
- Styrene polymer 9003-53-6 1.2% Not Listed
- Formaldehyde 50-00-0 < 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