



Material Safety Data Sheet

INNOVATIONS FOR LIVING™

NFPA	WHMIS	PPE	Transport Symbol
			not regulated

Preparation Date : 16-Dec-2005

Revision Date 19-Dec-2005

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Generic Product Name	PINK® Insulation	
Common Name	PINK® Loosefill Fiber Glass Insulation, PINK® Complete	
Product code	15-MSD-23118	
Recommended use	Blowing Wool	
Contact manufacturer	Owens Corning One Owens Corning Parkway Toledo, OH 43659, USA	
Emergency telephone number	Emergencies ONLY (after 5 pm ET and weekends)	1-419-248-5330
	CHEMTREC (24 hours everyday)	1-800-424-9300
	CAUNTEC (Canada - 24 hours everyday)	1-613-996-6666
Health and Technical Contacts	Health Issues Information (8am-5pm ET)	1-419-248-8234
	Technical Product Information (8am-5pm ET)	
	1-800-GET-PINK or 1-800-438-7465	

2. HAZARDS IDENTIFICATION

Emergency Overview

Product dust may be irritating to eyes, skin and respiratory system

Appearance Pink

Physical State Fibrous

Odor Odorless.

Potential health effects

Principle Routes of Exposure • Inhalation

Acute Effects

Eyes May cause slight irritation.

Skin	May cause skin irritation.
Inhalation	Irritating to respiratory system.
Ingestion	Ingestion of material is unlikely
Chronic Effects	Chronic respiratory or skin conditions may temporarily worsen from exposure to this product. See Section 11 for additional Toxicological information
Aggravated Medical Conditions	Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.
Interactions with Other Chemicals	Not available.
Carcinogenic Status	This product contains a component which is listed by (IARC, NTP or ACGIH). See Section 11-Toxicological Information
OSHA Regulatory Status	This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Mexico - Grade	Slight risk, Grade 1
Potential Environmental Effects	There is no known ecological information for this product

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

	CAS-No	Weight %
Fiber Glass Wool (Fibrous Glass)	65997-17-3	60-100
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	0-5

Non-Hazardous Statement The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product

4. FIRST AID MEASURES

Eye contact	<ul style="list-style-type: none"> Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes If symptoms persist, call a physician
Skin contact	<ul style="list-style-type: none"> Wash off immediately with soap and cold water. DO NOT use warm water because this will open up the pores of the skin, which will cause further penetration of the fibers. Use a wash cloth to help remove fibers. DO NOT rub or scratch affected areas. If skin irritation persists, call a physician
Inhalation	<ul style="list-style-type: none"> Move to fresh air If symptoms persist, call a physician

Ingestion	<ul style="list-style-type: none"> If this does occur, watch person for several days to make sure intestinal blockage does not occur
Notes to physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammability/Combustibility Properties	Non-flammable.		
Suitable extinguishing media	<ul style="list-style-type: none"> dry chemical foam carbon dioxide (CO₂) Water fog 		
Unsuitable Extinguishing Media	<ul style="list-style-type: none"> None 		
Hazardous combustion products	<ul style="list-style-type: none"> Carbon monoxide Carbon dioxide (CO₂) Other undetermined compounds could be released in small quantities 		
Explosion Data			
Sensitivity to mechanical impact	Not available		
Sensitivity to static discharge	Not available		
Specific Hazards Arising from the Chemical	No information available.		
Protective Equipment and Precautions for Firefighters	Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.		
NFPA	Health 2	Flammability 0	Reactivity 0
HMIS	Health 1	Flammability 0	Reactivity 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	<ul style="list-style-type: none"> Ensure adequate ventilation Evacuate personnel to safe areas
Environmental precautions	<ul style="list-style-type: none"> Clean up spilled material immediately to prevent from becoming airborne or waterborne
Methods for Containment	<ul style="list-style-type: none"> Material will settle out of air Material will disperse in water and can not easily be removed after it is waterborne Prevent from spreading by covering, diking or other means.
Methods for Clean-up	<ul style="list-style-type: none"> Pick or scoop up material and put into a suitable container for disposal as a non-hazardous waste. Vacuum methods should be used to avoid generating dust
Other information	Material will settle out of air Material will disperse in water and can not easily be removed after it is waterborne

7. HANDLING AND STORAGE

- Handling**
- Wash thoroughly after handling, especially prior to eating or smoking
 - Avoid buildup of dust
 - Do not breathe dust
- Storage**
- No special procedures are required

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

	ACGIH TLV	OSHA PEL	Ontario TWAEV
Fiber Glass Wool (Fibrous Glass) 65997-17-3	TWA: 1 f/cc (respirable) TWA: 10 mg/m ³ (inhalable synthetic vitreous fibers) TWA: 3mg/m ³ (respirable fraction - PNOC)	TWA: 1 f/cc (voluntary established by NAIMA and OSHA HSPP)	STEL: 0.6 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.2 mg/m ³ TWA: 1 fibres/cm ³ TWA: 1 fibres/cm ³ TWA: 5 mg/m ³
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4	TWA: 0.2 mg/m ³		

	Mexico	NIOSH IDLH
Fiber Glass Wool (Fibrous Glass) 65997-17-3	TWA: 0.15 mg/m ³	10 mg/m ³ as Ni except Nickel carbonyl

- Engineering Controls**
- Provide local exhaust and/or general ventilation to maintain exposure below regulatory and recommended limits. Dust collection system must be used in transferring operations, cutting or machining or other dust generating process. Vacuum or wet clean-up methods should be used

Personal protective equipment

- Eye/face Protection**
- safety glasses with side-shields
 - goggles

- Skin Protection**
- Long sleeved shirt and long pants
 - protective gloves

- Respiratory protection**
- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators
 - A dust mask can be worn as a precautionary measure to avoid slight irritation

- General Hygiene Considerations**
- Wash hands before breaks and immediately after handling the product
 - Remove and wash contaminated clothing before re-use

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pink.
Odor	Odorless.
Physical State	Fibrous.
pH	Does not apply
Flash point	Does not apply
Autoignition temperature	Does not apply
Boiling point/range	Does not apply

Melting point/range	Does not apply	
Flammability Limits in Air	lower	upper
Explosion limits		
Explosive properties	Does not apply	
Oxidizing properties	Does not apply	
Evaporation rate	Does not apply	
Vapor Pressure	Does not apply	
Vapor Density	Does not apply	
Specific Gravity	Does not apply	
Water solubility	insoluble	
Partition coefficient (n-octanol/water)	Not available	
Viscosity	Does not apply	
Oxidizing properties	Does not apply	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions
Conditions to avoid	None expected
Incompatible Materials	<ul style="list-style-type: none"> No materials to be especially mentioned
Hazardous decomposition products	<ul style="list-style-type: none"> None under normal use
Possibility of Hazardous Reactions	Hazardous polymerisation does not occur

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product Information	Dusts may cause mechanical irritation to eyes and skin. Ingestion may cause transient irritation of throat, stomach and gastrointestinal tract. Inhalation may cause coughing, nose and throat irritation, and sneezing. High exposures may cause difficulty breathing, congestion and chest tightness
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Component Information

	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, solvent-refined heavy paraffinic 64741-88-4	5000 mg/kg Rat	2000 mg/kg Rabbit	2.18 mg/L Rat 4 h

Chronic toxicity

Component Information

Fiber Glass Wool (Fibrous Glass) - 65997-17-3

In October 2001, the International Agency for research on Cancer (IARC) classified fiber glass wool as Group 3, "not classifiable as to its carcinogenicity to humans." The 2001 decision was based on human studies and animal research that have not shown an association between inhalation exposure to dust from fiber glass wool and the development of respiratory disease. This classification replaces the IARC finding in 1987 of a Group B designation "possibly carcinogenic to humans."

In May 1997, the American Conference of Governmental Industrial Hygienists (ACGIH) adopted an A3 carcinogen classification for glass wool fibers. The ACGIH A3 classification considers glass wool to be carcinogenic in experimental animals at relatively high doses, by routes of administration, at sites, or by mechanisms that it does not consider relevant to worker exposure. It also reviewed the available epidemiological studies and concluded that they do not confirm an increased risk of cancer in exposed humans. Overall, the ACGIH found that the available medical/scientific evidence suggests that glass wool is not likely to cause cancer in humans except uncommon or unlikely routes or levels of exposure.

In 1994, the National Toxicology Program (NTP) classified glass wool (respirable size) as "reasonably anticipated to be a human carcinogen." This classification was primarily based upon the 1987 IARC classification. NTP is currently considering reclassifying this material.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

	ACGIH	IARC	NTP	OSHA	Mexico
Fiber Glass Wool (Fibrous Glass) 65997-17-3	A3	Group 3	Reasonably Anticipated	X	A3

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to its Carcinogenicity to Humans

NTP: (National Toxicity Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA: (Occupational Safety & Health Administration)

X - Present

irritation Not available

Corrosivity Not available

Allergy Not available

Neurological Effects Not available

mutagenic effects Not available

Reproductive Effects Not available

Developmental Effects Not available

Target Organ Effects Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity effects This material is not expected to cause harm to animals, plants or fish

Chemical Fate

Persistence/Degradability Not available

Bioaccumulation/ Accumulation Not available

Mobility in Environmental Media Not available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations

Contaminated packaging Empty containers should be taken for local recycling, recovery or waste disposal.

US EPA Waste Number Product Information No EPA Waste Numbers are applicable for this product's components

RCRA This material is not expected to be a characteristic hazardous waste under RCRA.

14. TRANSPORT INFORMATION

DOT not regulated

TDG not regulated

MEX not regulated

ICAO not regulated

IATA not regulated

IMDG/IMO not regulated

RID not regulated

ADR not regulated

ADN not regulated

15. REGULATORY INFORMATION

International Inventories

	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	China	KECL	PICCS	AICS
Fiber Glass Wool (Fibrous Glass)	XU	Present	-	266-046-0	-	-	Present	KE-17630	GEN-0994	Present
Petroleum distillates, solvent-refined heavy paraffinic	Present	Present	-	265-090-8	-	-	Present	KE-12614	Present	Present

USA**Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372

SARA 311/312 Hazardous Categorization

Acute Health Hazard	yes
Chronic Health Hazard	yes
Risk of ignition	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs

State Regulations**California Proposition 65**

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

WARNING! This product contains a chemical known to the State of California to cause cancer.

This product contains the following Proposition 65 chemicals:

	CAS-No	Type	Category
Fiber Glass Wool (Fibrous Glass)	65997-17-3		Carcinogen Developmental

State Right-to-Know

Not listed on any State Right-To-Know lists

	CA	MA	MN	NJ	PA	IL	RI
Fiber Glass Wool (Fibrous Glass)	X	X	X		X	X	X

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

D2A Very toxic materials

16. OTHER INFORMATION

Preparation Date : 16-Dec-2005

Revision Date 19-Dec-2005

Revision Summary This MSDS has been reformatted and replaces 15-MSD-23118 published prior to December 16, 2005

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use

End of MSDS