



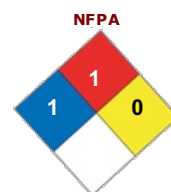


<b>Personal Protective Equipment</b>		<b>WHMIS Pictograms</b>	
		<b>Not Controlled</b>	
Protective Gloves	Safety Glasses		

**SECTION 1 : PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Pipe Insulation with Facing  
**MSDS Manufacturer Number:** 18994-NAM  
**Synonyms:** Faced pipe insulation, ASJ 25 Pipe Insulation, ASJ MAX Insulation, ASJ/SSL II® Pipe Insulation, Heavy Density Pipe Insulation, No-Wrap Pipe Insulation, Pipeshield, SSL® Pipe Insulation, SSL-II® Pipe Insulation, VaporWick®, Vitro Fibras Pipe Insulation, Evolution™ Paper-Free ASJ, Aislamiento para Tuberia

**Product Use/Restriction:** Pipe Insulation - faced  
**Manufacturer Name:** Owens Corning Insulating Systems, LLC  
**Address:** One Owens Corning Parkway  
Toledo, OH 43659  
**Customer Service Phone Number:** 1-800-GET-PINK or 1-800-438-7465  
**Health Issues Information:** 1-800-GET-PINK or 1-800-438-7465  
**Technical Product Information:** 1-800-GET-PINK or 1-800-438-7465  
**Emergency Phone Number:** 1-419-248-5330 (after 5pm ET and weekends)  
**CHEMTREC:** 800-424-9300 (24 hours everyday).  
**Canutec:** (613) 996-6666 (Canada 24 hours everyday).  
**Website:** www.owenscorning.com  
**MSDS Creation Date:** May 16, 1995  
**MSDS Revision Date:** October 10, 2013



**SECTION 3 : HAZARDS IDENTIFICATION**

Applies to Product

**Emergency Overview:** Exposure to dust may be irritating to eyes, nose, and throat.  
**Route of Exposure:** Eye contact  
Skin contact  
Inhalation.  
**Potential Health Effects:**  
**Eye:** May cause slight irritation.  
**Skin:** May cause slight skin irritation.  
**Inhalation:** May cause irritation of respiratory tract.  
**Ingestion:** Ingestion of this product is unlikely.  
**Chronic Health Effects:** There is no known chronic health effect connected with long-term use or contact with this product.  
**Carcinogenicity:** This product contains a component which is listed by IARC, OSHA or NTP. See Section 11 for additional information.  
**Potential Environmental Effects:** There is no known ecological information for this material.  
**Aggravation of Pre-Existing Conditions:** Chronic respiratory or skin conditions may temporarily worsen from exposure to this product.

**SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Ingredient Percent	EC Num.
Antimony Oxide as part of the facing material	1309-64-4	<1 %	215-175-0
Cured Binder	N/A	0 - 20 by weight	
Fiber Glass (Wool)	65997-17-3	60 - 100 by weight	266-046-0

The facing may be paper, plastic, aluminum or a combination.

**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.

The facing may be paper, plastic, aluminum or a combination.

#### SECTION 4 : FIRST AID MEASURES

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Do not rub or scratch eyes. If eye irritation persists, consult a specialist.
<b>Skin Contact:</b>	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. Remove contaminated clothing. If irritation persists get medical attention. Never use compressed air to remove fibers from the skin. If fibers are seen penetrating from the skin, the fibers can be removed by applying and removing adhesive tape so that the fibers adhere to the tape and are pulled out of the skin.
<b>Inhalation:</b>	Move to fresh air. If symptoms persist, call a physician.
<b>Ingestion:</b>	Accidental ingestion of this material is unlikely. If this does occur, watch person for several days to make sure intestinal blockage does not occur. Rinse mouth with water and drink water to remove fibers from the throat. If symptoms persist, call a physician.
<b>Note to Physicians:</b>	Treat symptomatically.

#### SECTION 5 : FIRE FIGHTING MEASURES

<b>Flammable Properties:</b>	Non Flammable.
<b>Flash Point:</b>	Does not apply.
<b>Auto Ignition Temperature:</b>	Does not apply.
<b>Extinguishing Media:</b>	dry chemical foam. carbon dioxide (CO2). water fog
<b>Protective Equipment:</b>	Wear self-contained breathing apparatus (SCBA) and full fire fighting protective gear.
<b>Unusual Fire Hazards:</b>	Hydrogen chloride may be released from the PVC barrier and vinyl facings during a fire.
<b>Hazardous Combustion Byproducts:</b>	Carbon monoxide. Carbon dioxide. Ammonia. Other undetermined compounds could be released in small quantities.
<b>NFPA Ratings:</b>	
NFPA Health:	1
NFPA Flammability:	1
NFPA Reactivity:	0

#### SECTION 6 : ACCIDENTAL RELEASE MEASURES

<b>Personnel Precautions:</b>	Avoid contact with skin and eyes.
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleanup:</b>	Use an industrial vacuum cleaner with a high efficiency filter to clean up dust and fiber contamination. Avoid dry sweeping.

#### SECTION 7 : HANDLING and STORAGE

<b>Handling:</b>	Avoid dust formation. Do not breathe dust. Wear personal protective equipment.
<b>Storage:</b>	Keep product in its packaging until use to minimize potential dust generation. Product should be kept dry and undercover.
<b>Hygiene Practices:</b>	Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

#### SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION - EXPOSURE GUIDELINES

<b>Engineering Controls:</b>	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
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generating processes, such as using power tools.  
Vacuum or wet clean-up methods should be used.

- Eye/Face Protection:** Safety glasses with side-shields.
- Skin Protection Description:** Protective gloves.  
Long sleeved shirt and long pants.
- Respiratory Protection:** When workers are facing airborne particulate/dust concentrations above the exposure limit they must use appropriate certified respirators.  
A properly fitted NIOSH approved disposable N 95 type dust respirator or better is recommended.
- Other Protective:** When the temperature of the surface being insulated exceeds 250°F (121°C), including initial startup, the binder in these products may undergo various degrees of decomposition depending on the temperature in the application.  
The need for respiratory protection will vary according to the airborne concentration of the decomposition products released and accumulated in the area.  
Wear the appropriate respiratory protection according to the conditions and exposure levels in the area.
- General Hygiene Considerations:** Wash hands before breaks and immediately after handling the product.  
Remove and wash contaminated clothing before re-use.

**EXPOSURE GUIDELINES**

Ingredient	Guideline OSHA	Guideline NIOSH	Guideline ACGIH	Ontario Canada	Mexico
Antimony Oxide as part of the facing material	PEL - TWA: 0.5 mg/m <sup>3</sup>	REL-TWA: 0.5 mg/m <sup>3</sup>	TLV-TWA: 0.5 mg/m <sup>3</sup>		LMPE-TWA: 0.5 mg/m <sup>3</sup> as Antimony trioxide (as Sb) LMPE-TWA: 1 mg/m <sup>3</sup> as Antimony trioxide - Production
Fiber Glass (Wool)	PEL-TWA: 1 f/cc (Respirable)		TLV-TWA: 1 f/cc (Respirable)	TWAEV-TWA: 0.05 mg/m <sup>3</sup> or 1 f/cc STEL: 0.6 mg/m <sup>3</sup>	TWA: 0.15 mg/m <sup>3</sup>

**SECTION 9 : PHYSICAL and CHEMICAL PROPERTIES**

- Physical State Appearance:** Tan with a jacket of paper or aluminized plastic film.
- Color:** Tan
- Odor:** Faint resin odor.
- Boiling Point:** Not applicable.
- Melting Point:** No Data
- Specific Gravity:** No Data
- Solubility:** Insoluble. in water.
- Evaporation Rate:** No Data
- Viscosity:** No Data
- Flash Point:** Does not apply.
- Auto Ignition Temperature:** Does not apply.

**SECTION 10 : STABILITY and REACTIVITY**

- Chemical Stability:** Stable under normal conditions.
- Hazardous Polymerization:** Hazardous polymerization does not occur.
- Conditions to Avoid:** None expected
- Incompatible Materials:** No materials to be especially mentioned.
- Special Decomposition Products:** See Section 5 of MSDS for hazardous decomposition products during a fire.

**SECTION 11 : TOXICOLOGICAL INFORMATION**

<b>Carcinogens:</b>	<b>ACGIH</b>	<b>NIOSH</b>	<b>OSHA</b>	<b>IARC</b>	<b>NTP</b>	<b>MEXICO</b>
<b>Antimony Oxide as part of the facing material</b>	A2 - Suspected Human Carcinogen	No Data	No Data	Group 2B - Possibly carcinogenic to humans.	No Data	A2 - Suspected Human Carcinogen
<b>Cured Binder</b>	No Data	No Data	No Data	No Data	No Data	No Data
<b>Fiber Glass (Wool)</b>	A3 Animal Carcinogen	No Data	No Data	Group 3 - Not Classifiable as to its Carcinogenicity to Humans.	Biosoluble glass wool is not considered to be carcinogenic.	A3 Animal Carcinogen

**Applies to Product :**

- Sensitization:** No information available.
- Mutagenicity:** No information available.

Reproductive Toxicity: No information available.  
 Teratogenicity: No information available.  
 Neurological Effects: No information available.

**Antimony Oxide as part of the facing material :**

RTECS Number: CC5650000  
 Eye: Eye - Rabbit Standard Draize test. : 100 mg - [mild ](RTECS)  
 Skin: Skin - Rabbit LDLo: 2 gm/kg - [Details of toxic effects not reported other than lethal dose value ](RTECS)  
 Inhalation: Inhalation - Rat TCLo: 270 ug/m3 [Reproductive - Fertility - post-implantation mortality (e.g. dead and/or resorbed implants per total number of implants); Reproductive - Effects on Embryo or Fetus - fetal death]  
 Inhalation  
 Ingestion: Inhalation - Rat LD50: >34600 mg/kg [Behavioral - somnolence (general depressed activity); Skin and Appendages - hair](RTECS)

**Fiber Glass (Wool) :**

Chronic Effects: In June 2011, The National Toxicology Program (NTP) removed biosoluble glass wool fibers from its list of possible carcinogens used for home and building insulation. 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.

**SECTION 12 : ECOLOGICAL INFORMATION**

**Applies to Product :**

Ecotoxicity: This material is not expected to cause harm to animals, plants or fish.  
 Environmental Stability: Not available  
 Environmental Fate: Not available  
 Bioaccumulation: Not available.  
 Biodegradation: Not available.  
 Mobility In Environmental Media: Not available.

**SECTION 13 : DISPOSAL CONSIDERATIONS**

**Applies to Product :**

Waste Disposal: Dispose of in accordance with Local, State, Federal and Provincial regulations.  
 RCRA Number: No EPA Waste Numbers are applicable for this product's components.

**SECTION 14 : TRANSPORT INFORMATION**

Not regulated for shipping or transportation

**SECTION 15 : REGULATORY INFORMATION**

**Inventory Status**

	Japan ENCS	EINECS Number	China	South Korea KECL	Australia AICS
Antimony Oxide as part of the facing material	(1)-543	215-175-0		KE-09846	Listed
Cured Binder	Not listed		Listed	KE-35185	Listed
Fiber Glass (Wool)	Not listed	266-046-0	Listed	KE-17630	Listed

	Canada DSL	TSCA Inventory Status			
Antimony Oxide as part of the facing material	Listed	Listed			
Cured Binder	Listed	Listed			
Fiber Glass (Wool)	Listed	Listed			

**Applies to Product :**

Canada WHMIS: Not controlled.  
 CA PROP 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.  
 SARA: This product does not contain any chemicals which are subject to the reporting requirements of the

**Section 311/312 Hazard Categories:**

Acute Health Hazard.: Yes  
 Chronic Health Hazard: Yes  
 Risk of Ignition.: No  
 Sudden Release of Pressure Hazard.: No  
 Reactive Hazard: No

**Clean Air Act:** This product does not contain any Hazardous Air Pollutants (HAPs).

**Antimony Oxide as part of the facing material:**

**Canada IDL:** Identified under the Canadian Hazardous Products Act Ingredient Disclosure List: 1%. Item: 126(1691)

**Section 313:** Listed

**Antimony Oxide as part of the facing material:**

**EC Number:** 215-175-0

**Fiber Glass (Wool):**

**EC Number:** 266-046-0

**State Right To Know**

	<b>RI</b>	<b>MN</b>	<b>IL</b>	<b>PA</b>	<b>MA</b>
Antimony Oxide as part of the facing material	Listed	Listed	No Data	Listed	Listed
Cured Binder		No Data		No Data	No Data
Fiber Glass (Wool)	Listed	Listed	Listed	Listed	Listed

	<b>NJ</b>				
Antimony Oxide as part of the facing material	No Data				
Cured Binder	No Data				
Fiber Glass (Wool)	No Data				

**SECTION 16 : ADDITIONAL INFORMATION**

**MSDS Creation Date:** May 16, 1995

**MSDS Revision Date:** October 10, 2013

**MSDS Revision Notes:** Facing update, health hazard revision

**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.

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