

SECTION 1 Chemical Product and Company Identification

Product Name: Sol-R-Wall
CAS#: Mixture. None Assigned
Generic Name: Facing
Formula: Mixture
Chemical Name: Mixture
Hazard Label: None assigned.
Manufacturer Information:
International Insulation Products
Telephone: 770-641-6310 8:00AM-5:00PM M-F
Web Address: <https://www.iipproducts.com>
4938 South Atlanta Rd
Smyrna, GA 30080

SECTION 2 Composition/Information on Ingredients

CAS # Component Percent

Not Available Kraft paper 40-65*
8052-42-4 Asphalt 32-40*
7429-90-5 Aluminum foil 0-20**
1344-09-8 Sodium silicate 0-5**

Additional Component Information

* Kraft paper is coated with asphalt.
** Component of Foil Facing.

Asphalt: Note: Due to product form, exposures to hazardous dusts or vapors are not expected to occur. Exposure limit is given for reference only.

SECTION 3 Hazards identification

Emergency Overview

APPEARANCE AND ODOR: Brown paper coated on one side with asphalt. Foil facing has aluminum foil laminated to the kraft paper. Slight asphalt odor.

Dust, fumes and contact with product: Irritating to skin, eyes, and respiratory system.

Potential Health Effects

Summary

Due to the form of the product hazardous exposures are unlikely to occur. Exposure may cause slight temporary irritation to skin, eyes, nose, or throat.

Inhalation

Irritation of the upper respiratory tract (scratchy throat), coughing, and congestion may occur in extreme exposures.

Skin

Prolonged contact may result in mild skin irritation.

Ingestion

Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Eyes

Temporary irritation (itching) or redness may occur.

Ears

Temporary irritation (itching) or redness may occur.

SECTION 3 *continued* Hazards identification

MATERIAL NAME: Sol-R-Wall

Product Name: Sol-R-Wall

CAS#: Component Percent
Not Available Kraft Paper 40-65*
7429-90-5 Aluminum Foil 0-20**
1344-09-8 Sodium Silicate 0-5**

Material Name: Sol-R-Wall

Primary Routes of Entry (Exposure)

Inhalation and eye contact.

Target Organs

Upper respiratory passages, skin, and eyes.

Medical Conditions Aggravated by Exposure

Pre-existing chronic respiratory or eye diseases or conditions.

SECTION 4 First Aid Measures

First Aid: Inhalation

Remove to fresh air. Drink water to clear throat, and blow nose to remove dust.

First Aid: Skin

Wash gently with soap and water to remove dust. Wash hands before eating or using the restroom.

First Aid: Ingestion

Product is not intended to be ingested or eaten. If this product is ingested, irritation of the gastrointestinal (GI) tract may occur, and should be treated symptomatically. Rinse mouth with water to remove material or dust, and drink plenty of water to help reduce the irritation. No chronic effects are expected following ingestion.

First Aid: Eyes

Do not rub or scratch your eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5-15 minutes. If irritation persists, contact a physician.

First Aid: Ears

Do not rub or scratch the ear if itching occurs. Wash gently with soap and warm water to remove dust or fibers.

First Aid: Notes to Physician

This product 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.

SECTION 5 Fire Fighting Measures

Flash Point: Not applicable Method Used: Not applicable

Upper Flammable Limit (UFL): Not applicable Lower

Flammable Limit (LFL): Not applicable

Auto Ignition: Not determined Flammability

Classification: Not determined

Rate of Burning: Not determined

General Fire Hazards

There is no potential for spontaneous fire or explosion.

Fire Fighting Equipment/Instructions

No special procedures are expected to be necessary for this product. Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

SECTION 6 Accidental Release Measures

Containment Procedures

Vacuum dusts. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust accumulation or use compressed air for clean-up. These procedures will help to minimize potential exposures.

Clean-Up Procedures

No additional information available.

SECTION 7 Handling and Storage

Handling Procedures

Use protective equipment as described in Section 8 of this material safety data sheet when handling uncontained material.

Storage Procedures

Warehouse storage should be in accordance with package directions, if any. Material should be kept dry, and protected from moisture. Avoid direct exposure to high heat or flame.

SECTION 8 Exposure Controls/ Personal Protection

Exposure Guidelines

A: General Product Information

No information available for the product.

B: Component Exposure Limits

Asphalt (8052-42-4)

ACGIH: 0.5 mg/m³ TWA (inhalable fraction, as benzene-soluble aerosol)

Aluminum foil (7429-90-5)

ACGIH: 10 mg/m³ TWA (metal dust)

OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face

Safety glasses with sideshields are recommended to keep dust out of the eyes.

Personal Protective Equipment: Ears

Use ear protection (earplugs, hood, or earmuffs) to prevent airborne dust or fibers from entering the ear.

Personal Protective Equipment: Skin

Leather or cotton gloves are recommended.

Personal Protective Equipment: Respiratory

Respiratory protection is not required if mechanical or dilution ventilation is sufficient to keep the exposure levels below the applicable exposure limits.

Personal Protective Equipment: General

No additional information available.

SECTION 9 Physical & Chemical Properties

Appearance: Brown paper, asphalt coating; may have foil facing.
Odor: Slight asphalt odor.
Physical State: solid pH: Not applicable
Vapor Pressure: Not applicable Vapor Density: Not applicable
Boiling Point: Not applicable Melting Point: Not applicable
Solubility (H2O): Nil Specific Gravity: Not applicable
Freezing Point: Not applicable Evaporation Rate: Not applicable
Viscosity: Not applicable Percent Volatile: 0-7%
VOC: Not applicable

SECTION 10 Chemical Stability and Reactive Information

Chemical Stability
This is a stable material. This product is not reactive.
Hazardous Decomposition
Carbon monoxide, carbon dioxide, and partially oxidized hydrocarbons.
Hazardous Polymerization
Will not occur.

SECTION 11 Toxicological Information

Acute Toxicity
A: General Product Information
Dust or fumes from this product may cause temporary irritation of the upper respiratory tract and skin. Symptoms are expected to subside after exposure has stopped. Product is not expected to cause any long term effects.
B: Component Analysis - LD50/LC50
Asphalt (8052-42-4)
Oral LD50 Rat: >5000 mg/kg; Dermal LD50 Rabbit: >2000 mg/kg
Sodium silicate (1344-09-8)
Oral LD50 Rat: 1153 mg/kg
Carcinogenicity
A: General Product Information
No association has been established between occupational exposure to petroleum asphalt and cancer in humans. For more information, see section below on Chronic Toxicity.
B: Component Carcinogenicity
Asphalt (8052-42-4)
ACGIH: A4 - Not Classifiable as a Human Carcinogen (as benzene soluble aerosol)
IARC: Group 3 - Not Classifiable (IARC Supplement 7, 1987; Monograph 35, 1985)

Technical specifications as shown in this literature are intended to be used as general guidelines only. The physical and chemical properties of SOL-R-WALL Insulation listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Any references to numerical flame-spread or smoke-developed ratings are not intended to reflect hazards presented by these or any other materials under actual fire conditions. Check with the sales office nearest you for current information.

SECTION 11 *continued* Toxicological Information

Chronic Toxicity
No chronic health effects are known to be associated with exposure to paper dusts. Epidemiologic studies of paper mill workers have reported an excess of certain cancers. However, these excesses are not thought to be attributable to exposure to paper dusts. Other chemical exposures or lifestyle factors are being investigated. The International Agency for Research on Cancer (IARC) reviewed these studies and rated the hazard for paper dust as Group 3, not classifiable as to its carcinogenicity to humans. The asphalt in this product exists in a solid state and does not impart any special hazard to the product.

SECTION 12 Ecological Information

Ecotoxicity
A: General Product Information
No data available for this product.
B: Component Analysis - Ecotoxicity - Aquatic Toxicity
No ecotoxicity data are available for this product's components.

SECTION 13 Disposal Considerations

US EPA Waste Number & Descriptions
A: General Product Information
This product is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations.
B: Component Waste Numbers
No EPA Waste Numbers are applicable for this product's components.
Disposal Instructions
Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

SECTION 14 Transportation Information

International Transportation Regulations
This product is not classified as a hazardous material for transport.

SECTION 15 Regulatory Information

US Federal Regulations
A: General Product Information
SARA 311/312: This product is not classified as hazardous under SARA 311/312.
B: Component Analysis
This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65) and/or CERCLA (40 CFR 302.4).
Aluminum foil (7429-90-5)
SARA 313: 1.0 % de minimis concentration (dust or fume only)
State Regulations
A: General Product Information
Other state regulations may apply. Check individual state requirements.
B: Component Analysis - State
The following components appear on one or more of the following state hazardous substances lists:
Component CAS # CA FL MA MN NJ PA
Asphalt 8052-42-4 Yes No Yes Yes Yes Yes
Aluminum foil 7429-90-5 Yes No Yes Yes Yes Yes
A: TSCA Status
This product and its components are listed on the TSCA 8(b) inventory.
None of the components listed in this product are listed on the TSCA Export Notification 12(b) list.
Aluminum Foil 7429-90-5
Analysis - State
The following components appear on one or more of the following state hazardous substances list:
Aluminum Foil CAS#7429-90-5 CA: YES FL: NO MA: YES MN: YES NJ: YES PA: YES
B: Component Analysis - Inventory
Component CAS # TSCA DSL EINECS
Asphalt 8052-42-4 Yes Yes Yes
Aluminum foil 7429-90-5 Yes Yes Yes
Sodium silicate 1344-09-8 Yes Yes Yes
Component Analysis - WHMIS IDL
The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:
Component CAS # Minimum Concentration
Aluminum foil 7429-90-5 1 %



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