

Insulation Pin/Washer

1. DESCRIPTION

1.1 Product Name

Insulation Pin/Washer

1.2 Uses

Used to fix and support insulation materials to walls, ducts and other surfaces.

1.3 Supplier

Premier Sealant Systems Ltd., Mercia Way, Foxhills Industrial Park, Scunthorpe, North Lincolnshire, DN15 8RE

T: 01724 864 100

2. HAZARDS IDENTIFICATION

2.1 Hazard Category

Nil.

2.2 Risk Phases

None identified.

2.3 D.G Class

Not classified as dangerous goods.

2.4 Subsidiary Risk

Nil.

2.5 Poison Schedule

Not listed.

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3. COMPOSITION & INFORMATION ON INGREDIENTS

3.1 Composition

Manufactured from galvanised steel or aluminium. On some types the plate is coated with adhesive protected by a siliconised paper.

3.2 Statement

This product is non-hazardous. General caution and cleanliness in use should be observed.

4. FIRST AID MEASURES

4.1 Eye Contact

In case of contact, immediately flush eyes with a copious amount of water for at least 15 minutes. Get medical attention if irritation occurs.

4.2 Skin Contact

In case of contact, immediately flush skin with plenty of water. Get medical attention if irritation develops.

If wounded by the sharp ends/ edges of the hanger, seek immediate medical advise

4.3 Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms appear.

4.4 Ingestion

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, get medical advice immediately.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Water spray, foam, dry chemical powder, carbon dioxide, sand.

5.2 Specific Hazards

The material is stable under normal conditions. On decomposition gives off carbon dioxide, carbon monoxide and other complex fumes.

5.3 Special Fire-Fighting Procedures

Do not use jet water.

5.4 Fire-Fighter

Fire-fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES

6.1 Small Spills

Pick up dropped hangers and assemblies immediately and dispose of safely and without delay as normal builders waste. Bend over the sharp ends of hangers and ensure that there is no danger from sharp edges during subsequent re-handling .

6.2 Large Spills

As above, no additional precaution required, if in doubt advice Emergency Services.

7. HANDLING & STORAGE

7.1 Storage

Store in a dry place in the temperature range 5° to 30° C. Pick up dropped hangers and assemblies immediately and dispose of safely and without delay as normal builders waste. Bend over the sharp ends of hangers and ensure that there is no danger from sharp edges during subsequent re-handling.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Biological Limits Values

No biological limit allocated.

8.2 Engineering Controls

Special ventilation is not normally required due to the low volatility and stability of the product at normal temperature.

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8.3 Personal Protection

Respiratory	Respirators not required if handled and installed in line with suppliers recommendation.
Skin & Body	Use appropriate gloves to protect from physical injury. The product is without risk in use so long as due care is taken as follows: -
Hand Protection	<ul style="list-style-type: none">•Handle cartons carefully. Dropping cartons could cause the sharp points of the hangers to penetrate the packaging.•Open the carton carefully and remove hangers using great care to avoid injury.•Do not discard siliconised paper from the self-adhesive pads, as this could be a slip hazard.•If the hangers are in place but the insulation has not been impaled, the area should be protected, and warnings placed, to avoid the danger of anyone leaning on, or falling on the hanger shanks. In any case this period of time should be minimised.•Where the excess hanger length is “snipped off”, Ensure the surplus is disposed of correctly and not thrown on the floor where it could cause a slip.•Be aware of possible sharp edges on self-locking washers.•When hangers are used with a separate adhesive, ensure that the directions and safety precautions for that adhesive are followed
Eye Protection	Safety glasses with side shields.

9. PHYSICAL & CHEMICAL PROPERTIES

9.1 Properties

Physical Appearance	Square metal plate with a wire nail or shank protruding from its centre.
Colour	Metal
Flash Point	N/A
Vapour Density	Not available
Viscosity	Not available
pH	Not available
Boiling Point/Range	Not available
Specific Gravity Solubility	Insoluble in water

10. STABILITY & REACTIVITY

10.1 Stability

Low reactivity with other materials. Avoid freezing conditions.

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11. TOXICOLOGY INFORMATION

11.1 Acute Effects

No adverse health effects are expected if the product is handled in accordance with the Material Safety Data Sheet. Symptoms that may arise if the product is miss handled are:

Ingestion	Harmful if swallowed. May cause gastrointestinal discomfort and irritation, physical damage.
Eye	Physical damage.
Skin	Mildly irritating to sensitive individuals. Physical damage due to sharp points.
Inhaled	Not hazardous at ambient temperatures. Vapours generated at elevated temperatures may cause irritation to nose, throat and respiratory tract.

11.2 Long Term Effects

Repeated skin contact may result in sensitisation in some individuals. May cause allergic reaction, dermatitis. Follow good working practice. Wash hands with soap and water before eating, drinking, smoking or using toilet facilities.

11.3 Acute & Chronic Toxicity

None identified.

12. ECOLOGICAL INFORMATION

Avoid contamination of drains, sewerage, creeks and waterways. Not toxic to aquatic organisms.

12.1 Disposal Consideration

This material is not such as to be classified as hazardous and may be disposed of in accordance with local regulations e.g. incineration or landfill.

13. TRANSPORT INFORMATION

For road, marine and air transport this product is not classified as dangerous goods within the contact of National Transport Regulations.

UN. No.	Not allocated
Shipping Name	Not applicable
Class	Not classified as dangerous goods
Subsidiary Risk	Nil
Packaging Group	Not applicable
Hazchem Code	Not applicable

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EPG	Not applicable
Segregation	Not applicable

14. REGULATORY INFORMATION

Standard for the Uniform Scheduling of Drugs and Poisons; not regulated Control of Scheduled Carcinogenic Substances; not listed substance.

15. OTHER INFORMATION

15.1 Date of Preparation

06.08.2013

15.2 Date of Revision

25.03.2024

15.3 Reasons For Issue

New Information: SDS's are updated frequently. Please ensure you have the current copy. This SDS summarises at the date of issue our best knowledge of health and safety hazard information of the product, and in particular how to handle and use the product in the workplace. Since Premier Sealant Systems Ltd cannot anticipate or control the conditions under which the product may be used each user must, prior to usage, review this SDS in the context to use and handling of the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Premier Sealant Systems Ltd. Our responsibility for the product as sold is subject to our standard terms and conditions, a copy of which is sent to our customer and is also available upon request.

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