



Material Safety Data Sheet

Page 1 of 5

Issue date: November 2006

Stepanfoam RS2011 Polyol

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Stepanfoam RS2011 Polyol

Synonym: None

Use: Polyurethane foam polyol blend

Era Polymers Pty Ltd
25-27 Green Street
Banksmeadow NSW 2019
Australia
Ph: +61 2 9666 3788
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Emergency Advice All Hours:
Technical Manager +61 2 9666 3788

2. HAZARDS IDENTIFICATION

HAZARDOUS ACCORDING TO NOHSC CRITERIA

Hazard Category: Irritant (Xi)

Hazard Classification: HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor.

S28 After contact with skin, wash immediately with plenty of water and soap.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S45 In case of accident or if you feel unwell, contact a doctor immediately and show this container or label.

Poison Schedule: None allocated [Aust].

Warning Statement:

Avoid skin and eye contact.

3. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
POLYOL BLEND	Greater than 60%	Mixture
AMINE CATALYST BLEND	1 to 10%	Mixture

All other ingredients not hazardous according to NOHSC Criteria.

4. FIRST AID MEASURES

Swallowed:

If swallowed, DO NOT induce vomiting. If person is conscious give water to drink. Seek medical attention immediately if ingestion of a large amount occurs.

Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists seek medical attention.



Material Safety Data Sheet

Page 2 of 5

Issue date: November 2006

Stepanfoam RS2011 Polyol

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap. Flush skin with water. Seek medical attention if irritation persists after washing. Wash contaminated clothing before reuse.

Inhaled:

If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, seek medical attention. Apply resuscitation if victim is not breathing. If trained personnel available administer oxygen if breathing is difficult.

First Aid Facilities:

Eye wash fountain, safety shower and normal washroom facilities.

Advice to Doctor:

Treat symptomatically.

In case of poisoning, contact Poisons Information Centre

In Australia call Tel: 131126

In New Zealand Tel: 034747000

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposes on heating emitting toxic and/or irritating fumes including carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

FIRE FIGHTING PROCEDURES: Fire fighters to wear Self-Contained Breathing Apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

EXTINGUISHING MEDIA: Use extinguishing media suitable for surrounding fire situation. Use dry chemical, foam, carbon dioxide or water fog. Use water spray to cool fire-exposed containers.

HAZCHEM CODE: None allocated [Aust]

FLAMMABILITY

This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Emergency Action: Isolate spill or leak area immediately. Keep unauthorised personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Do not touch or walk through spilled material. Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas. A vapour-suppressing foam may be used to reduce vapours. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean non-sparking tools to collect absorbed material. For large spills, dike ahead of liquid spill for later disposal.

7. HANDLING AND STORAGE

HANDLING PROCEDURES:

Avoid contact with skin and eyes. Wash thoroughly after work using soap and water. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

STORAGE PROCEDURES:

Store in a dry, well-ventilated place.



Material Safety Data Sheet

Page 3 of 5

Issue date: November 2006

Stepanfoam RS2011 Polyol

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

No exposure standards are available for this product, however, the following exposure standards have been assigned by [NOHSC] to the following components of the product:

POLYOL BLEND

No Exposure details available

AMINE CATALYST BLEND

No Exposure details available

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended. If exhaust ventilation is not available or inadequate, use approved respirator to Australian Standards.

Personal Protection Equipment

CLOTHING: Wear suitable protective clothing to prevent skin contact.

GLOVES: Wear impervious gloves to prevent skin contact - PVC or natural rubber.

EYES: Wear safety glasses with side shields, chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: If exposure limits are exceeded or if irritation is experienced, wear suitable respiratory protection. Respiratory protection may also be needed for non-routine or emergency situations. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a respirator for organic vapours with disposable or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to slightly hazy yellow-coloured liquid

Boiling Point Melting Point: Not determined

Vapour Pressure: Not determined

Specific Gravity: 1.13 @ 25°C

Flash Point: > 93.9°C (PMCC)

Flammability Limits: Not determined

Solubility in Water: Not determined

Other Properties

% Volatiles = nil.

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons when heated to decomposition.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Strong oxidizing agents.

CONDITIONS TO AVOID:

Heat, flames, ignition sources and incompatibles.



Material Safety Data Sheet

Page 4 of 5

Issue date: November 2006

Stepanfoam RS2011 Polyol

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this Material Safety Data Sheet and the product label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

ACUTE HEALTH EFFECTS:

Swallowed:

Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhoea.

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

May cause irritation to the skin, with effects including: redness and itchiness.

Inhaled:

Inhalation of vapours or mists of the product may be irritating to the respiratory system.

Chronic:

Prolonged or repeated skin contact may lead to dermatitis.

Toxicological Data:

There is no other toxicological information available for this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

There is no information available for this product.

Mobility:

There is no information available for this product.

Persistence / Degradability:

This product is biodegradable.

Chemical Fate Information:

There is limited ecological information available for this product, however, large quantities should not be discharged into drains, sewers or waterways.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all relevant Local, State and Federal regulations. Dispose of material through a licensed waste contractor. Any processing, use, or contamination of this product may change the requirements for disposal. It is the responsibility of the generator of the waste to properly classify, transport and dispose of the waste.

14. TRANSPORT INFORMATION

Road Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Irritant (Xi)

Air Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Packing Group: None allocated

Label: Irritant (Xi)

