Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
RIGID POLYURETHANE FOAM

SYNONYMS

PRODUCT USE
Used in packaging, bedding, cushions etc.

Section 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE
NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

POISONS SCHEDULE
None

RISK

SAFETY

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS RN</th>
<th>%</th>
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<tbody>
<tr>
<td>rigid polyurethane foam article</td>
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Section 4 - FIRST AID MEASURES

SWALLOWED
- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

EYE
If this product comes in contact with eyes:
- Wash out immediately with water.
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN
Not applicable.

INHALED
- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed,
where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor, without delay.

NOTES TO PHYSICIAN
Treat symptomatically.

Section 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA
- Water spray or fog.
- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.

FIRE FIGHTING
- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use water delivered as a fine spray to control fire and cool adjacent area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

FIRE/EXPLOSION HAZARD
Combustible.
NOTE: Burns with intense heat. Produces melting, flowing, burning liquid and dense acrid black smoke.
On combustion, emits toxic fumes of hydrogen cyanide, nitrogen oxides (NOx), carbon monoxide (CO) and carbon dioxide (CO2).

FIRE INCOMPATIBILITY
Avoid contamination with strong oxidising agents as ignition may result.

HAZCHEM
None

Section 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

MINOR SPILLS
Pick up foam pieces.

MAJOR SPILLS
- Minor hazard.
- Clear area of personnel.

continued...
Section 6 - ACCIDENTAL RELEASE MEASURES

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear physical protective gloves e.g. Leather.
- Contain spill/secure load if safe to do so.
- Bundle/collect recoverable product and label for recycling.
- Collect remaining product and place in appropriate containers for disposal.
- Clean up/sweep up area.
- Water may be required.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING
No special handling procedures required.

SUITABLE CONTAINER
Carton or bag.

STORAGE INCOMPATIBILITY
Avoid storage with oxidisers.

STORAGE REQUIREMENTS
- Keep dry.
- Store under cover.
- Store in a well ventilated area.
- Store away from sources of heat or ignition.
- Observe manufacturer's storing and handling recommendations.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS
Not applicable.

PERSONAL PROTECTION

EYE
Not applicable.

HANDS/FEET
Not applicable.

OTHER
Not applicable.

continued...
ENGINEERING CONTROLS
None under normal operating conditions.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Rigid foam; insoluble in water.

PHYSICAL PROPERTIES
Does not mix with water.

- Molecular Weight: Not available.
- Boiling Range (°C): Not Applicable
- Melting Range (°C): Not available.
- Specific Gravity (water=1): Not Applicable
- Solubility in water (g/L): Insoluble
- pH (as supplied): Not applicable
- Vapour Pressure (kPa): Not Applicable
- pH (1% solution): Not applicable
- Evaporation Rate: Non Volatile
- Volatile Component (%vol): Not Applicable
- Flash Point (°C): Not Applicable
- Lower Explosive Limit (%): Not Applicable
- Decomposition Temp (°C): Not available.
- Autoignition Temp (°C): Not available.
- State: Manufactured

Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY
- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED
Not normally a hazard due to the physical form of product. The material is a physical irritant to the gastro-intestinal tract.
Considered an unlikely route of entry in commercial/industrial environments.

EYE
Not normally a hazard due to physical form of product.

SKIN
Not applicable.

INHALED
Not normally a hazard due to non-volatile nature of product.
Material may generate irritant and toxic fumes if heated at temperatures continued...
above its melting point.

**CHRONIC HEALTH EFFECTS**
Not applicable.

**TOXICITY AND IRRITATION**

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<th>IRRITATION</th>
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Section 12 - ECOLOGICAL INFORMATION

Harmless to the environment.
Not biodegradable.

Section 13 - DISPOSAL CONSIDERATIONS

May be disposed of with ordinary refuse.
Care should be taken in some instances when disposing of sizeable amounts of newly formed foam (more than 10 cubic feet). Large foam cushions or bags should be allowed to cure for 24 hours prior to disposal in a trash compactor. This will allow any heat trapped inside the foam to dissipate. Compacting a freshly made large foam cushion can concentrate the heat within the foam and increase the potential of ignition.

Section 14 - TRANSPORTATION INFORMATION

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HAZCHEM
None

Section 15 - REGULATORY INFORMATION

POISONS SCHEDULE
None

continued...
Section 16 - OTHER INFORMATION

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