



Yorkshire Building Services (Witwell) Ltd.,  
The Crag Industrial Park, Morven Street, Creswell, Derbyshire S80 4AJ  
Tel: 01909 721662 Fax: 01909 721442  
www.ybsinsulation.com

## COSHH Assessment Form

### 1 MATERIAL

**Air-Tec Double'** Air-Tec is a multi-layer air bubble film insulation with aluminium bonded to both faces.

**Components & Approximate Proportions** - Aluminium foil (12%) Polythene (88%)

### 2 WORK ACTIVITY

Cavity Wall & Dry Lining Insulation System.

### 3 RISK TO HEALTH

#### a) HAZARDOUS CONTENTS

Non-Hazardous.

#### b) ROUTES OF EXPOSURE:

Skin absorption:	Yes	Eyes:	No
Inhalation:	Yes	Ingestion:	Yes

### 4 CONTROL METHODS

PROTECTION EQUIPMENT	TYPE TO BE WORN
Goggles/visor	No
Gloves	No
Coveralls	No
Respirator/mask	No
Other	No

### 5 COSHH ASSESSMENT (estimate of risk to health)

- a) Risk to health adequately controlled if above precautions in force

## 6 COSHH ACTION

1	HANDLING PRECAUTIONS	As specified
	No special precautions. If surfaces become wet then they can be slippery.	
2	MAINTENANCE OF CONTROL MEASURES	None
3	MONITORING OF EXPOSURES	None
4	INFORMATION TO STAFF	None
5	WRITTEN INSTRUCTIONS ISSUED	None
6	TRAINING REQUIRED	None
7	HEALTH SURVEILLANCE	None
8	OTHER CONTROLS	None

## 7 FIRST AID As specified

**Inhalation;** (decomposition or combustion products); Possible nausea, dizziness or breathing difficulties. If breathing difficulties occur move victim to fresh air and Consult doctor if required.

**Skin contact;** No known hazard at room temperature. When burning will melt and can adhere to skin. Do not remove melted material -flush with cold water. Cover burns with sterile dressing and obtain medical advice.

**Ingestion;** Very unlikely as Biologically inert, if ingested Consult doctor.

## 8 FIRE ARRANGEMENTS As specified

Material is combustible. The material will melt and flaming molten material will spread fire.

**Extinguisher type** - Water, Dry Powder, carbon dioxide or foam may be used.

## 9 STORAGE As specified

Store rolls on ends. Store away from other flammable materials. Polythene melts at 105C-125C. Decomposes over 300C to give carbon monoxide and some aldehydes (acrid smell). Burns to give mainly carbon dioxide and black smoke.

## 10 TRANSPORT None

## 11 SPILLAGE None

## 12 WASTE DISPOSAL As specified

Scrap LDPE is not classified as 'notifiable waste' under the Disposal of Poisonous Wastes Act 1972, and may be disposed of by landfill or by incineration in compliance with Local Authority Control of Pollution Act 1974. Material is not biodegradable.



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## COSHH Assessment Form

### 1 MATERIAL

**Air-Tec FR Double'** Air-Tec FR Double is a Fire Retardant multi-layer air bubble film insulation with aluminium bonded to both faces.

**Components & Approximate Proportions** - Aluminium foil (12%) Polythene (88%)

### 2 WORK ACTIVITY

Cavity Wall & Dry Lining Insulation System.

### 3 RISK TO HEALTH

#### a) HAZARDOUS CONTENTS

Non-Hazardous.

#### b) ROUTES OF EXPOSURE:

Skin absorption:	Yes	Eyes:	No
Inhalation:	Yes	Ingestion:	Yes

### 4 CONTROL METHODS

PROTECTION EQUIPMENT	TYPE TO BE WORN
Goggles/visor	No
Gloves	No
Coveralls	No
Respirator/mask	No
Other	No

### 5 COSHH ASSESSMENT (estimate of risk to health)

- a) Risk to health adequately controlled if above precautions in force

## 6 COSHH ACTION

1	HANDLING PRECAUTIONS	As specified
	No special precautions. If surfaces become wet then they can be slippery.	
2	MAINTENANCE OF CONTROL MEASURES	None
3	MONITORING OF EXPOSURES	None
4	INFORMATION TO STAFF	None
5	WRITTEN INSTRUCTIONS ISSUED	None
6	TRAINING REQUIRED	None
7	HEALTH SURVEILLANCE	None
8	OTHER CONTROLS	None

## 7 FIRST AID As specified

**Inhalation;** (decomposition or combustion products); Possible nausea, dizziness or breathing difficulties. If breathing difficulties occur move victim to fresh air and Consult doctor if required.

**Skin contact;** No known hazard at room temperature. When burning will melt and can adhere to skin. Do not remove melted material -flush with cold water. Cover burns with sterile dressing and obtain medical advice.

**Ingestion;** Very unlikely as Biologically inert, if ingested Consult doctor.

## 8 FIRE ARRANGEMENTS As specified

Material is combustible but not readily ignitable. Avoid breathing smoke.

**Extinguisher type** - Water, Dry Powder, carbon dioxide or foam may be used.

## 9 STORAGE As specified

Store rolls on ends. Store away from other flammable materials. Polythene melts at 105C-125C. Decomposes over 300C to give carbon monoxide and some aldehydes (acrid smell). Burns to give mainly carbon dioxide, carbon monoxide and black smoke. Additives decompose to give flame-suppressing compounds-halogenated hydrocarbons and antimony compounds. Smoke may be acidic.

## 10 TRANSPORT None

## 11 SPILLAGE None

## 12 WASTE DISPOSAL As specified

Scrap LDPE is not classified as 'notifiable waste' under the Disposal of Poisonous Wastes Act 1972, and may be disposed of by landfill or by incineration in compliance with Local Authority Control of Pollution Act 1974. Material is not biodegradable.