



**PLASTAZOTE® FOAM**  
POLYETHYLENE FOAM

**LD GRADES WHITE**  
ALL DENSITIES

**SAFETY INFORMATION SHEET**

The "REACH" Regulation EC No 1907/2006 of the European Parliament and of the Council dated 18 December 2006 requires suppliers of substances and preparations to provide safety datasheets for substances of concern as defined in Article 31 of the regulation. Our foam products are classed as non hazardous under EU regulations (CLP, REACH) and the Global Harmonised System (GHS). Under REACH our foam products are not considered as substances or preparations but as articles as defined in Article 33 of the regulation. Safety datasheets are not required for articles however to continue providing our customers with guidance relating to the safe handling and information on the composition of our foam products this safety information sheet has been prepared with reference to EC Regulation 1907/2006 Annex II.

**1. Identification of the Substance or Preparation and of the Company**

**1.1 Product Name**

Plastazote® LD - all densities - white

**1.2 Use of the Product**

Foam sheet to be used as produced or for conversion into articles. Applications include but are not limited to construction, industrial, medical, packaging or transport applications.

**1.3 Company**

Zotefoams plc  
675 Mitcham Road  
Croydon  
CR9 3AL  
United Kingdom  
email: msds@zotefoams.com

**1.4 Emergency Contact**

Director of Technology & Development  
Telephone: +44 (0) 208 664 1600

**2. Hazard Identification**

In the event of fire, decomposition products may include acrolein, other aldehydes, carbon monoxide and carbon dioxide.

May generate static electricity.

**3. Composition / Information on Ingredients**

Chemical Name	CAS number	EINECS number	Risk phrases	Content in weight %
Polyethylene	9002-88-4	n/a	-	100

**4. First Aid Measures**

Inhalation: No hazard in normal use  
Skin Contact: No hazard in normal use  
Eye Contact: Wash with Water  
Ingestion: Wash mouth and seek medical advice

**5. Fire-Fighting Measures**

Water spray recommended, other extinguishing agents may be used.

Decomposition products may include acrolein, other aldehydes, carbon monoxide and carbon dioxide.



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Additional Advice: This product supports combustion and may continue to burn on removal of the source.

**6. Accidental Release Measures**

Not relevant

**7. Handling and Storage**

**7.1 Handling**

Provision should be made for sufficient ventilation and local exhaust where dust/fumes may be produced. Avoid dust generation. Where dust is produced, measure must be taken to avoid static electricity discharge. Equipment used should be electrically earthed and fitted with static elimination devices.

**7.2 Storage**

Store in a dry well ventilated area away from direct sunlight, heat and ignition sources. The appropriate company regulations for fire prevention are to be followed. Keep away from strong oxidising agents.

**8. Exposure Controls / Personal Protection**

No special precautions are necessary.

**9. Physical and Chemical Properties**

**9.1 General Information**

Appearance: Foam  
Odour: None

**9.2 Important health, safety and environmental information**

Flash point: >300°C  
Autoflammability: >300°C  
Decomposition  
Explosive properties: None  
Vapour pressure: Not Applicable  
Relative density: Polymer 0.92 g/cm<sup>3</sup>  
Foam 0.015 - 0.070 g/cm<sup>3</sup>  
Solubility in water: Insoluble

**9.3 Other Information**

Melting Point: ~107°C by DSC

**10. Stability and Reactivity**

**10.1 Conditions to avoid**

Contact with sources of ignition. Decomposes above 300°C

**10.2 Materials to avoid**

Strong oxidising agents

**10.3 Hazardous decomposition products**



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May include acrolein, other aldehydes, carbon monoxide and carbon dioxide.

**11. Toxicological Information**

In normal use no toxic effects are known.

**12. Ecological Information**

Material is inert and insoluble in water.

**13. Disposal Information**

Dispose according to local regulations. Recycling is possible.

**14. Transport Information**

Sea (IMDG)  
Road (ADR)  
Rail (RID)  
Air (ICAO/IATA)

Material is classed as non-hazardous

**15. Regulatory Information**

None

**16. Other Information**

**16.1 Risk phrases**  
None

**16.2 Further technical information**  
For information on mechanical and physical properties of the foam please visit the technical section of our website ([www.zotefoams.com](http://www.zotefoams.com)) or contact our technical support team.

**16.3 Changes from last issue**  
None



## Article Information Sheet

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This Article Information Sheet is provided as a courtesy in response to a customer request. A Safety Data Sheet (SDS) has not been prepared for these product(s) because they are articles. Articles are not subject to the Occupational Safety and Health Administration's Hazard Communication Standard (29 CFR 1910.1200(b)(6)(v)). As defined in this standard: "Article" means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical, and does not pose a physical or health risk to employees.

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<b>Issue Date:</b>	12/11/14	<b>Supersedes Date:</b>	Initial Issue

### SECTION 1: Identification

#### 1.1. Product identifier

3M™ Double Coated Tapes with 340 Adhesive (466XL, 9456, 9824, 9828, 9828HL, 9828PC); 350 Adhesive (3028EK, 9500B, 9500PC, XP6114); and 375 Adhesive (9086, 9087, 9088, 9088FL)

#### 1.2. Recommended use and restrictions on use

##### Recommended use

Bonding, Industrial use

#### 1.3. Supplier's details

<b>MANUFACTURER:</b>	3M
<b>DIVISION:</b>	Industrial Adhesives and Tapes Division Industrial Adhesives and Tapes Division
<b>ADDRESS:</b>	3M Center, St. Paul, MN 55144-1000, USA
<b>Telephone:</b>	1-888-3M HELPS (1-888-364-3577)

#### 1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

### SECTION 2: Hazard identification

This product is exempt from hazard classification according to OSHA Hazard Communication Standard, 29 CFR 1910.1200.

### SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
Acrylic Adhesive Polymer	Trade Secret*	70 - 100
Polyester Film Carrier	Mixture	25 - 50 Trade Secret *

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Paper or Film Liner or Liners	Mixture	Not Applicable
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\*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation:**

No need for first aid is anticipated.

**Skin Contact:**

No need for first aid is anticipated.

**Eye Contact:**

No need for first aid is anticipated.

**If Swallowed:**

No need for first aid is anticipated.

## SECTION 5: Fire-fighting measures

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Not applicable.

### 6.2. Environmental precautions

Not applicable.

### 6.3. Methods and material for containment and cleaning up

Not applicable.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions.

### 7.2. Conditions for safe storage including any incompatibilities

No special storage requirements.

## SECTION 8: Exposure controls/personal protection

This product is considered to be an article which does not release or otherwise result in exposure to a hazardous chemical under normal use conditions. No engineering controls or personal protective equipment (PPE) are necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>General Physical Form:</b>	Solid
<b>Odor, Color, Grade:</b>	Clear Adhesive on Polyester Film Carrier, Paper or Film Liner. Minimal odor.
<b>Odor threshold</b>	<i>Not Applicable</i>
<b>pH</b>	<i>Not Applicable</i>
<b>Melting point</b>	<i>Not Applicable</i>
<b>Boiling Point</b>	<i>Not Applicable</i>
<b>Flash Point</b>	<i>Not Applicable</i>
<b>Evaporation rate</b>	<i>Not Applicable</i>
<b>Flammability (solid, gas)</b>	Not Classified
<b>Flammable Limits(LEL)</b>	<i>Not Applicable</i>
<b>Flammable Limits(UEL)</b>	<i>Not Applicable</i>
<b>Vapor Pressure</b>	<i>Not Applicable</i>
<b>Vapor Density</b>	<i>Not Applicable</i>
<b>Density</b>	<i>Not Applicable</i>
<b>Specific Gravity</b>	0.8 - 1.2 [ <i>Ref Std: WATER=1</i> ]
<b>Solubility in Water</b>	Nil
<b>Solubility- non-water</b>	<i>Not Applicable</i>
<b>Autoignition temperature</b>	<i>Not Applicable</i>
<b>Decomposition temperature</b>	<i>Not Applicable</i>
<b>Viscosity</b>	<i>Not Applicable</i>
<b>Percent volatile</b>	<i>Not Applicable</i>

## SECTION 10: Stability and reactivity

This material is considered to be non reactive under normal use conditions.

## SECTION 11: Toxicological information

### Inhalation:

This product may have a characteristic odor; however, no adverse health effects are anticipated.

### Skin Contact:

No health effects are expected

### Eye Contact:

No health effects are expected

### Ingestion:

No health effects are expected

### Additional Information:

This product, when used under reasonable conditions and in accordance with the directions for use, should not present a health hazard. However, use or processing of the product in a manner not in accordance with the product's directions for use may affect the performance of the product and may present potential health and safety hazards.

## SECTION 12: Ecological information

This article is expected to present a low environmental risk either because use and disposal are unlikely to result in a significant release of components to the environment or because those components that may be released are expected to have insignificant environmental impact.

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## SECTION 13: Disposal considerations

Dispose of contents/container in accordance with the local/regional/national/international regulations.

## SECTION 14: Transport Information

Not regulated per U.S. DOT, IATA or IMO.

*These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M transportation classifications are based on product formulation, packaging, 3M policies and 3M understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for U.S. ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.*

## SECTION 15: Regulatory information

### Chemical Inventories

This product is an article as defined by TSCA regulations, and is exempt from TSCA Inventory requirements.

For additional regulatory information on this product, refer to [www.3M.com/regs](http://www.3M.com/regs).

## SECTION 16: Other information

### NFPA Hazard Classification

**Health:** 0 **Flammability:** 1 **Instability:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

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