



Plymouth Foam Products

PE, PLANK, RODS, SHAPES (NATURAL)

QUICK IDENTIFIER
Common Name: (Used on label and list)

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.
IMPORTANT: Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

SECTION 1

Manufacturer's Name: Sealed Air Corporation
 Address: 297 North Street
 City, State, and Zip: Hyannis, MA 02601
 Emergency Phone No.: (508) 775-8444

*DuraSpec
 Polyseal sill plate
 gasket*

411/87

Signature of Person Responsible for Preparation (optional) and date _____

SECTION 2 - Hazardous Ingredients/Identity:

Hazardous Components
(chemical & common name)

	OSHA PEL	ACGIH TLV	OTHER EXPOSURE LIMITS	% (OPTIONAL)	CAS NO.
1.) Polyethylene Low-Density Resin:	N/A	N/A	N/A	-	N/A
2.) Blowing Agent:	N/A	N/A	N/A	-	N/A
3.) Aging Additive:	N/A	N/A	N/A	-	N/A
4.) Talc Powder Hardener:	N/A	N/A	N/A	-	N/A

	AT MANUFACTURER	AT 21 DAYS	COMPLETELY AGED
*1.)	94.70	96.20	97.70
*2.)	3.00	1.50	0.00
*3.)	1.40	1.40	1.40
*4.)	0.90	0.90	0.90

SECTION 3 - Physical & Chemical Characteristics

Boiling Point: N/A
 Specific Gravity (H₂O=1): 0.03-0.15
 Vapor Pressure (mm Hg): N/A
 Vapor Density (Air=1): N/A
 Solubility in Water: INSOLUBLE
 Reactivity in Water: N/A
 Appearance and Odor: CELLULAR SOLID PLASTIC FOAM, NO ODOR.
 Melting Point: N/A

SECTION 4 - Fire & Explosion Data

Flash Point: N/A
 Method Used: N/A
 Flammable Limits in Air % by Volume: LEL Lower: N/A UEL Upper: N/A
 Auto-ignition Temperature: N/A
 Extinguisher Media: WATER FOG. MATERIAL WILL BURN SLOWLY AFTER FLAME IS REMOVED.
 Special Fire Fighting Procedures: AVOID DENSE SMOKE. USE PRESSURE DEMAND SELF-CONTAINED BREATHING APPARATUS.
 Unusual Fire and Explosion Hazards: NONE

Sealed Air Corporation

Packaging Products Division

19-01 Shaw Highway TEL: Fax LAWA, NJ 07746, ext. 700-2100

EMERGENCY TELEPHONE NO.
TEL: 1-800-650

PRODUCT NAME
Cell-Aire®, Cellu-Cushion®, Sealed Air-Polylam® and extruded plank PE Foam

CHEMICAL FAMILY
Plastics

CHEMICAL NAME & SYNONYMS
Polyethylene

CHEMICAL FORMULA #

TRADE NAME & SYNONYMS
Polyethylene foam

HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LISTED SOLIDS OR BASES	%	CURRENT TLV
hydrocarbon gas (blowing agent)	- 5	300ppm TVL 300ppm PEL

APPEARANCE (SOLID LIQUID GAS)	MOLECULAR WEIGHT	MELT POINT	SPECIFIC GRAVITY
Solid foam	N.A.	106°C	0.02 - 0.04
VAPOR DENSITY (AIR=1)	COLOR	BULK DENSITY	BOILING POINT
not volatile	white	1.0 - 9.0 lb/cu.ft.	N.A.
VAPOR PRESSURE	SOLUBILITY IN WATER	ODOR	VOLATILE BY VOLUME
none	insoluble	none	none

FLASH POINT (METHOD USED)	FLAMMABLE LIMIT	EXTINGUISHING MEDIA
-120°F *	Leiqorr. 2% Uelappr. 8%*	CO ₂ , Dry chemical, water, foam

ADDITIONAL FIRE FIGHTING PROCEDURES, INCLUDING USE OF EXPLOSION HAZARDS

This product is made with flammable hydrocarbon blowing agent (BA), most of which is removed prior to shipment. However, flammable vapors may gradually exhaust from the foam during storage, fabrication or use. Avoid close confinement of large foam quantities and sources of ignition near the foam (ie, smoking, sparks). Burns readily. Use appropriate breathing apparatus in event of fire.

LD50 ORAL (MICE)	LD50 DERMAL (SKIN CONTACT)	INHALATION (LC50)
PPM. LC50 (LETAL CONCENTRATION)	TLV (UNITS) / THRESHOLD LIMIT VALUE	SKIN IRRITATION
	800 ppm	
REACTIONS TO EYE	EFFECTS TO SKIN	OTHER

EMERGENCY AND FIRST AID PROCEDURES - EFFECTS OF OVER EXPOSURE

Blowing agent: mild toxicity Asphyxiant. With proper industrial handling concentrations are expected to be well below levels which produce/inhalation effects.

Foam: No toxicity.

* Applies to pure blowing agent only.

NE - NOT ESTABLISHED NA - NOT APPLICABLE A1 - ACTIVE INGREDIENT

STABILITY		CONDITIONS TO AVOID	
Stable			
POLYMERIZATION		CONDITIONS TO AVOID	
None			
INCOMPATIBILITY MATERIALS TO AVOID:			
HAZARDOUS DECOMPOSITION PRODUCTS			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED			
N.A.			
WASTE DISPOSAL METHOD			
Send to plastics recycling center. Reuse if possible. If unavailable, incinerate or dispose in government approved land fill.			
RESPIRATOR TYPE			
None required.			
EYE PROTECTION		GLOVES	
None required.			
OTHER PROTECTIVE EQUIPMENT			
STORAGE TEMPERATURE (OPTIMUM)		AVERAGE SHELF LIFE	
Min.	Max.		
SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE)			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING			
During fabrication and or storage, provide adequate ventilation to assure localized concentrations are maintained below the lower flammability limit. Store large quantities in well protected area.			
DOT SHIPPING NAME		TECHNICAL SHIPPING NAME	
DOT HAZARD CLASSIFICATION	UNNA NO.	P.C.	
DOT LABELS REQUIRED	TARE	T.W. & STATE	
REASON FOR ISSUE	DOT CLASS DIVISION		
	DOT CLASS MARK		
INITIATED BY	TITLE	APPROVED BY	TITLE
		Shau Tarnng Lee, P & D Engineer PE Foam	Div.
DATE INITIATED		DATE APPROVED	
		S.T. Lee	

REGULATORY INFORMATION IS NOT APPLICABLE AT - ACTIVE INGREDIENT