MATERIAL SAFETY DATA SHEET

DYLITE® EXPANDABLE POLYSTYRENE - REGULAR GRADE

Rev. Date



ARCO CHEMICAL COMPANY
DIVISION OF ATLANTIC RICHFIELD COMPANY 1500 MARKET STREET P.O. BOX 7258 PHILADELPHIA, PENNSYLVANIA 19101

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers, and users of this product

This product is covered by the OSHA Hazard Communication Rule and this document has been prepared in accord with the MSDS requirements of the rule.

1.		Genera	ı					
Trade Name	DYLITE EXPANDABLE POL	TE EXPANDABLE POLYSTYRENE - REGULAR GRADE TE EXPANDABLE POLYSTYRENE - REGULAR GRADE EMERGENCY 800/424-9300 CHEMTREC						
Other Name	EXPANDABLE POLYSTYREN	; FOAM POLYSTYRENE		215/353-8300 ARCD CHEM CUSTOMER SERVICE 800/321-7000 INFO ONLY				
Chemical Family EXPANDABLE POLYSTYRENE			DOT Hazardous Materials Proper Shipping Name NOT REGULATED					
Generic Na	me N/P		DOT Hazard CI NOT REGULAT					
CAS No.	SEE SECTION IX	Company ID No. E000319200		UN/NA ID No. NOT REGULATED				
I 1.	CAUTION	Summary of F	łazards	B.				
122-14-14-14-14-14-14-14-14-14-14-14-14-14-	PHYSICAL HAZARDS:	EXTREMELY FLAMMABLE	(BASED ON BLOW	ING AGENT)				
	ACUTE HEALTH EFFECTS: (SHORT-TERM)	SLIGHT INHALATION HA SLIGHT EYE IRRITANT SLIGHT SKIN IRRITANT SLIGHT INGESTION HAZ NOT A SKIN ABSORPTIO	ARD					
	CHRONIC HEALTH EFFECTS: (LONG-TERM)	NO CHRONIC HEALTH HA BEEN REPORTED		MATERIAL HAVE				
111.		Fire and Exp	losion					
	(Method) 49°C (CC) BLOWING AGENT	Autoignition Temperature AP 260°C BASED ON BLOWING	, wietiou,	Flammable Limits (% Vol. in Air) At Normal Atmospheric Temperature and Pressure Lower 1.5 Upper 8.0 BASED ON BLOWING AGENT				
Fire and Explosion Hazards	WHEN CONTAINER IS OPENE HEAVIER THAN AIR/CAN TE SOURCE. ASSURE GOOD VEN MATERIAL IS HANDLED STA DISSIPATED DUE TO INSUL	AVEL LONG DISTANCE AL HILATION TO PREVENT F HIC CHARGE IS GENERAT	DNG GROUND/IGN LAMMABLE VAPOR ED WHICH CANNO	TTE/FLASH BACK TO FORMATION. WHEN T BE COMPLETELY				
Extinguishin Media		RSPRAY WATER	FOG					
Special Firefighting Procedures	DO NOT ENTER AREA WITHO PRODUCTS. FIREFIGHT FRO DANGEROUS WALKING ON SM COVERED OVER. FOR LARGE INTO HOT MOLTEN MASS FR TION. INTERMITTENT FOG	M SAFE DISTANCE/PROTE NOTH HARD SURFACE/INT FIRE, USE MUCH WATER OM OUTSIDE TO OPEN AN	CTED AREA, BEA ERFERE WITH FI AS STRAIGHT S D COOL INTERIO	DS CAN RESULT IN REFIGHTING UNLESS TREAM TO "DIG" R/PREVENT REIGNI-				

OF FIREFIGHTERS. PRODUCES DENSE BLACK SMOKE WHEN BURNING, OBSCURING VISION

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IV.		Health Hazard	ls			
Summary of	SLIGHT HEALTH HAZARD. SEE	BELOW FOR ROUTE-SPE	CIFIC D	ETAILS.		
ROUTE OF EX	POSURE	SIGNS AND SYMPTO	MS			Primary Route(s)
Inhalation	ND SIGNIFICANT SIGNS OR SYMPTOMS INDICATIVE OF ANY ADVERSE HEALTH HAZARD ARE EXPECTED TO OCCUR AS A RESULT OF INHALATION EXPOSURE.					
Eγe Contact	MAY CAUSE MINOR EYE IRRITAT	ION.				X
Skin Absorption	NO SIGNIFICANT SIGNS OR SYM EXPECTED TO OCCUR AS A RESU					
Skin Irritation	MAY PRODUCE SKIN IRRITATION	X				
Ingestion	NO SIGNIFICANT SIGNS OR SYM ARE EXPECTED TO OCCUR AS A			VERSE HEA	ALTH HAZARD	
Summary of Chronic Hazards and Special Health Effects	CHRONIC HEALTH EFFECTS: NO BEEN REPORTED. NO ADDITIONAL MEDICAL INFOR		ARDS FOR	THIS MAT	TERIAL HAVE	
Liteuts	NO ADDITIONAL MEDICAL INFOR	MATION FUOND.			· · · · · · · · · · · · · · · · · · ·	
v.	Protective Equipmen	t and Other Co	ntrol I	Vleasur	res	
spiratory	IF EXPOSURE EXCEEDS THE PEL TECTION EQUIPMENT AS SPECIF GUIDELINES FOR CHEMICAL HAZ	IED IN THE NIOSH/OS				
Eye	SAFETY GLASSES WITH SIDE GU FLYING PARTICLES AND/OR OTH				JRY FROM	
Skin	NOT NORMALLY CONSIDERED A S PRACTICE GOOD PERSONAL HYGI MILD SOAP AND WATER BEFORE	ENE. WASH HANDS AND	OTHER E	EXPOSED A	REAS WITH	
Engineering Controls	BOTH LOCAL EXHAUST AND GOOD ONLY TO CONTROL EXPOSURE BU MIXTURES.					
Other Hygienic and	NON-STATIC CREATING CLOTHIN MATERIAL SPILLED ON HARD SU USE CARE IN WALKING ON SPIL COVER SUCH AS SAND, ON ANY	RFACE CAN BE A SERI LED MATERIAL. SPREA	OUS SLIF	PPING/FAL	LING HAZARD.	•
VI.	Occup	ational Exposu	re Lin	ilts		
Substance		Source	Date	Туре	Value/Units	Time
PENTANE		OSHA ACGIH	1971 1985	PEL TLV STEL	2950 MG/M 1800 MG/M 2250 MG/M	3 8 HRS
NUISANCE DU	ST (TOTAL)	OSHA ACGIH	1971 1985	PEL TLV	15 MG/M 10 MG/M	8 HRS



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VII.	Emergency an	d Firs	it Aid				
Inhalation	IF OVERCOME BY EXPOSURE, REMOVE VICTIM TO I OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED ATTENTION. PROMPT ACTION IS ESSENTIAL.	FRESH A	IR IMMEDIATELY. IN EMERGENCY MED	GIVE ICAL			
Eye Contact	IN CASE OF EYE CONTACT WITH THIS SOLID MATE CLEAN WATER FOR 20-30 MINUTES. RETRACT EYE MEDICAL ATTENTION IF PAIN, BLINKING, TEARS	II YDC A)CYC41 ADV	SE WITH MERGENCY			
Skin Contact	NOT EXPECTED TO PRESENT A SIGNIFICANT SKIN HAZARD UNDER ANTICIPATED CONDITIONS OF NORMAL USE.						
Ingestion	NOT EXPECTED TO PRESENT A SIGNIFICANT INGESTION HAZARD UNDER ANTICIPATED CONDITIONS OF NORMAL USE.						
Emergency	TREAT SYMPTOMATICALLY.						
Medical Treatment Procedures	AFTER ADEQUATE FIRST AID, NO FURTHER TREATM REAPPEAR.	ENT IS	REQUIRED, UNLES	SS SYMPTOMS	·		
VIII.	Spill and Di	sposa	al				
Precautions if Material is Spilled or Released	SPILL RELEASES FLAMMABLE VAPOR. KILL IGNITION SPACES BEFORE ENTERING. CREATES DANGEROUS SUBJECT OF	LIPPING GRATING T FLOW LAND, V PARKS/A UITABLE	G HAZARD ON ANY G ON WALKWAYS. E TO LOW AREAS. F VACUUM/SHOVEL IN AVOID FLASH FIRE E DISPOSAL CONTA	MARD QUIP LAMMABLE ITO SUIT-			
Waste Disposal Methods	LANDFILL SOLIDS AT PERMITTED SITES. USE REGINATH FEDERAL/STATE/LOCAL SOLID WASTE REGULAT BURNED, IF MIXED/FIRED WITH SUPPLEMENTAL FUE SOLIDS CAN LOWER FLASH POINT OF SOLID-FUEL A ASSURE EMISSIONS COMPLY WITH APPLICABLE REGULATION OF WATER SHOULD BE CONSIDERED DANGEROUS OF FLAMMABLE VAPOR.	FIONS. EL. VAP MIXTURE	SOLIDS MAY ALSO PORS GENERATED F E. AVOID FLAMEOU	BE ROM TS.			
XXXXXXXXXXX							
IX.	Components (his may list	y not be a complet of components	(e)			
Component N	ame CAS I	No.	Carcinogen##	Composition	amount (W		
	9000			(See Qualificat			

##Listed By: 1 = NTP, 2 = IARC, 3 = OSHA, 4 = Other

Compositions given are typical values, not specifications.



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XII.

Component Health Hazards

Component Name

Component Health Hazards

PENTANE

MODERATE EYE IRRITANT



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XIII

Label Information

Manufacturer:

ARCO CHEMICAL COMPANY

DIVISION OF ATLANTIC RICHFIELD COMPANY 1500 MARKET STREET

P.O. BOX 7258

PHILADELPHIA, PENNSYLVANIA 19101

Telephone Numbers

EMERGENCY

800/424-9300 CHEMTREC 215/353-8300 ARCO CHEM

CUSTOMER SERVICE

800/321-7000 INFO ONLY

Use Statement:

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

Signal Word:

CAUTION

Physical Hazards:

EXTREMELY FLAMMABLE

Health Hazards:

INHALATION HAZARD SKIN IRRITANT

INGESTION HAZARD

EYE IRRITANT

Precautionary

DO NOT HANDLE NEAR HEAT, SPARKS, OR OPEN FLAME.

KEEP CONTAINER CLOSED WHEN NOT IN USE. Measures:

DO NOT STORE NEAR COMBUSTIBLE MATERIALS.

AVOID CONTACT WITH EYES.

AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

USE WITH ADEQUATE VENTILATION.

PREVENT CONTACT WITH FOOD, CHEWING, OR SMOKING MATERIALS. WASH THOROUGHLY AFTER HANDLING.

UN/NA ID Number- NOT REGULATED

DO NOT TASTE/SWALLOW.

DOT Information:

Hazard Class-

NOT REGULATED

NOT REGULATED

Instructions:

DRY CHEMICAL

WATERSPRAY FOAM

WATER FOG

In case of fire, use-First Aid -Inhalation

Proper Shipping-

C02

IF OVERCOME BY EXPOSURE, REMOVE VICTIM TO FRESH AIR IMMEDIATELY. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. OBTAIN EMERGENCY MEDICAL

ATTENTION. PROMPT ACTION IS ESSENTIAL. -Eye Contact

IN CASE OF EYE CONTACT WITH THIS SOLID MATERIAL, IMMEDIATELY RINSE WITH CLEAN WATER FOR 20-30 MINUTES. RETRACT EYELIDS OFTEN. OBTAIN EMERGENCY

MEDICAL ATTENTION IF PAIN, BLINKING, TEARS OR REDNESS PERSIST.

-Skin Contact

NOT EXPECTED TO PRESENT A SIGNIFICANT SKIN HAZARD UNDER ANTICIPATED

CONDITIONS OF NORMAL USE.

-Ingestion

NOT EXPECTED TO PRESENT A SIGNIFICANT INGESTION HAZARD UNDER ANTICIPATED

CONDITIONS OF NORMAL USE.

In case of spill,

Protective Equipment:

-Skin

-Respiratory

USE NIOSH/MSHA APPROVED AIR-PURIFYING OR SUPPLIED AIR RESPIRATOR AS

APPROPRIATE.

SAFETY GLASSES WITH SIDE SHIELDS.

-Eye

NO SPECIAL CLOTHING NORMALLY REQUIRED. WHERE USE CAN RESULT IN SKIN CONTACT, WASH THOROUGHLY BEFORE EATING, DRINKING, SMOKING, OR LEAVING WORK.