



**DURR-FILLAUER MEDICAL, INC.**  
ORTHOPEDIC DIVISION

P. O. Box 5189 □ Chattanooga, Tennessee 37406 □ (615) 624-0946 □ (800) 251-6398 □ (800) 572-7650 (TN WATS)  
Telex 558422 □ Cable DFORTHO

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**MATERIAL SAFETY DATA SHEET FOR PE-LITE A-8, B-4, A-20**  
=====

MANUFACTURER'S NAME	INOUE MTP CO., LTD.
EMERGENCY TELEPHONE NO.	(052) 251-9666
ADDRESS	3-11, Sakae 5-Chome, Naka-Ku, Nagoya 460
CHEMICAL NAME AND SYNONYMS	Polyethylene Foam
CHEMICAL FAMILY	Olefins



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1. PRODUCT IDENTIFICATION

	A-8	B-4	A-20
CHEMICAL NAME	Polyethylene Foam	Polyethylene Foam	Ethylene-Vinylace-Tate Copolymer Foam
CHEMICAL FAMILY	Olefins	Olefins	Olefins
FORMULA	$\{CH_2\}_n$	$\{CH_2\}_n$	$\begin{matrix} COCH_3 \\   \\ (CH_2)_n + (CH-CH_2)_m \end{matrix}$
MOLECULAR WEIGHT	$> 10^4$	$> 10^4$	$> 10^4$
TRADE NAME	PE-LITE A-8	PE-LITE B-4	PE-LITE A-20



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**2. PHYSICAL DATA**

	A-8	B-4	A-20
BOILING POINT	NA	NA	NA
VAPOR PRESSURE	NA	NA	NA
VAPOR DENSITY	NA	NA	NA
SOLUBILITY IN WATER % BY WEIGHT	NA	NA	NA
MELTING POINT	> 150°C	> 150°C	> 140°C
SPECIFIC GRAVITY (H O = 1)	0.07	0.03	0.16
PERCENT VOLATILE BY VOLUME (%)	NA	NA	NA
EVAPORATION RATE	NA	NA	NA
APPEARANCE AND ODOR	Closed Cell Odor like Amine	Closed Cell	Closed Cell



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**3. FIRE AND EXPROSION HAZARD DATA**

	A-8		B-4	A-20
FLASH POINT	> 200°C		> 200°C	> 270°C
AUTOIGNITION TEMPERATURE	> 400°C		> 400°C	> 450°C
FLAMABLE LIMITS IN AIR PERCENT BY VOLUME	LOWER	NA	NA	NA
	UPPER	NA	NA	NA
EXTINGUISHING MEDIA	Water, Carbon Dioxide or dry chemical		Water, Carbon Dioxide or dry chemical	Water, Carbon Dioxide

**4. HEALTH HAZARD DATA**

Passed Food Hygiene Test  
Notification No. 370 of The Ministry of Health and Welfare



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**5. REACTIVITY DATA**

	A-8	B-4	A-20
<b>STABILITY</b>	Stable		
<b>MATERIALS TO AVOID</b>	Strong Acid, Strong Solvent (Toluene Gasolin, etc.)		
<b>HAZARDOUS DECONPOSITION PRODUCTS</b>	Carbon Monoxide, Carbon Dioxide		
<b>HAZARDOUS POLYMERIZATION</b>	will not occur		
<b>CONDITIONS TO AVOID</b>	Ultraviolet Rays, High Temperature		

**6. SPILL OR LEAK PROCEDURES**

Waste Disposal Method: Burn

**7. SPECIAL PROTECTION INFORMATION**

Respiratory Protection: None Required

Ventilation : None Required

**8. SPECIAL PRECAUTION**

None