

# SAFETY DATA SHEET

<b>SECTION 1 : IDENTIFICATION</b>			
<b>PRODUCT IDENTIFIER:</b>	TUNDRA FOAM (OPEN CELL) BACKER ROD	<b>MANUFACTURER NAME &amp; ADDRESS:</b>	
<b>CHEMICAL IDENTITY:</b>	POLYURETHANE	INDUSTRIAL THERMO POLYMERS (Owned and Operated by Armacell Canada Inc.) 153 VAN KIRK DRIVE BRAMPTON, ONTARIO , L7A 1A4	
<b>RECOMMENDED USE</b>	PACKAGING, CUSHIONING, SEALING, etc.	<b>PHONE NO.:</b>	1-905-846-3666
<b>RESTRICTION OF USE</b>	NONE	<b>FAX NO.:</b>	1-905-846-0363
		<b>EMERGENCY PHONE NO.:</b>	1-800-387-3847

## SECTION 2 : HAZARD(S) IDENTIFICATION

- POLYURETHANE FOAM PRODUCTS ARE CLASSIFIED BY OSHA AS "NON HAZARDOUS".

- POLYURETHANE IS MADE FROM POLYHYDROXYL POLYOL , ISOCYNATES CATALYST AND OTHER ADDITIVES(MORE DETAILS IN SEC.3.)

- THIS PRODUCT IS CLASSIFIED AS NON-HAZARDOUS ACCORDING TO CRITERIA ESTABLISHED IN OSHA HAZARD COMMUNICATION STANDARD.

<b>ROUTES OF EXPOSURE:</b>	SWALLOWING <input checked="" type="checkbox"/>	SKIN ABSORPTION <input type="checkbox"/>	INHALATION <input checked="" type="checkbox"/>	SKIN CONTACT <input type="checkbox"/>	EYE CONTACT <input checked="" type="checkbox"/>
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### EFFECTS OF A SINGLE (ACUTE) OVEREXPOSURE BY:

<b>SWALLOWING:</b>	CHOKING - MECHANICAL BLOCKAGE
<b>SKIN ABSORPTION:</b>	NOT LIKELY.
<b>INHALATION:</b>	FOAM DUST MAY CAUSE IRRITATION TO NOSE ,THROAT OR LUNGS.
<b>SKIN CONTACT:</b>	NON IRRITATING TO SKIN CONTACT
<b>EYE CONTACT:</b>	EYE INJURY OR FOAM DUST MAY CAUSE IRRITATION TO EYES
<b>OTHER EFFECTS</b>	NOT KNOWN

## SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENTS	CAS NO.	WEIGHT %	EXPOSURE LIMITS ACGIH - TLV*
POLYURETHANE	9009-54-5	75% -100%	NA

\* Applicable provincial TLV's may differ

\* Specific chemical names and percentage in the mix has been withheld to protect trade secret.

## SECTION 4 : FIRST AID MEASURES

<b>SWALLOWING:</b> CONSULT PHYSICIAN	<b>SKIN CONTACT:</b> WASH WITH SOAP AND WATER
<b>INHALATION:</b> MOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF BREATHING PROBLEMS PERSIST.	<b>EYE CONTACT:</b> FLUSH EYES WITH CLEAN LUKEWARM WATER. CONSULT PHYSICIAN.

## SECTION 5 : FIRE FIGHTING MEASURES

1. POLYURETHANE FOAM IS COMBUSTIBLE AND WILL BURN IF EXPOSED TO SUFFICIENT HEAT SOURCE.
2. FIRE TO BE EXTINGUISHED BY USING CO2, WATER OR DRY CHEMICAL .
3. BURNING WILL PRODUCE BLACK DENSE SMOKE, CARBON MONOXIDE AND TOXIC DECOMPOSITION PRODUCTS.
4. USE SELF-CONTAINED BREATHING APPRATUS AND FULL PROTECTIVE CLOTHING.FIRE WILL RESULT IN INTENSE HEAT.
5. OTHER FIRE EXTINGUISHERS (DRY CHEMICAL, FOAM OR CO2 EXTINGUISHERS) MAY BE USED FOR EXTINGUISHMENT.
6. CHEMICAL/GASEOUS HAZARDS LIKE CO, CO2 AND CARBON MAY BE PRODUCED FROM THE SMOLDERING SUBSTANCES AND FIRE.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

POLYURETHANE FOAM IS COMBUSTIBLE. SHOULD NOT BE EXPOSED TO SPARKS OR OPEN FLAME.

## SECTION 7: HANDLING AND STORAGE

- 'POLYURETHANE FOAM SHOULD BE STORED UNDER A FUSIBLE SPRINKLER SYSTEM

- 'POLYURETHANE FOAM IS COMBUSTIBLE AND SHOULD NOT BE STORED NEAR IGNITION SOURCES SUCH AS EXPOSED ELECTRICAL OR GAS HEATING ELEMENTS , OPEN FLAME AND EXPOSED LIGHTS.

POLYURETHANE FOAM SHOULD BE STORED IN COOL, DRY AND WELL VENTILATED LOCATIONS.

POLYURETHANE FOAM SCRAP AND CUTTINGS SHOULD NOT BE ALLOWED TO ACCUMULATE IN STORAGE AREAS.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- NOT NECESSARY OTHER THAN STATED IN SECTION 2

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	SOLID	FREEZING POINT:	N/A	SPECIFIC GRAVITY VAPOUR	N/A
BOILING POINT 760 mm Hg:	N/A	VAP. PRESS at 20°C:	N/A	MOLECULAR WEIGHT:	N/A
SPECIFIC GRAVITY	0.01 - 0.15	SOLUBILITY IN WATER	INSOLUBLE	COEFFICIENT OF WATER / OIL DISTRIBUTION:	N/A
MELTING POINT:	350-375°F	EVAPORATION RATE	N/A		
DENSITY	0.5-10 lbs/cuft	% VOLATILES BY VOLUME:	N/A	VAPOUR DENSITY	N/A
APPEARANCE	CELLULAR SOLID	ODOR:	NEGLIGIBLE	ODOR THRESHOLD:	N/A

## SECTION 10 : STABILITY AND REACTIVITY

- AVOID STRONG ACIDS & ALKALIS, THESE WILL DETERIORATE FOAM PROPERTIES.

## SECTION 11 : TOXICOLOGICAL INFORMATION

POLYURETHANE FOAM HAS NO CARCINOGENIC SUBSTANCES. INHALATION OF FOAM DUST TO BE AVOIDED.

ROUTES OF EXPOSURE : | SWALLOWING | FOAM DUST INHALATION | EYE CONTACT |

EFFECTS OF ABOVE EXPOSURE STATED IN SECTION 4

## SECTION 12 : ECOLOGICAL INFORMATION

POLYURETHANE FOAM DOES NOT EXHIBIT ANY SIGNIFICANT BIODEGRADATION.

## SECTION 13 : DISPOSAL CONSIDERATIONS

POLYURETHANE FOAM CAN BE REPROCESSED OR CAN BE DISPOSED OFF IN ACCORDANCE TO FEDERAL, STATE AND LOCAL REGULATIONS.

## SECTION 14 : TRANSPORT INFORMATION

- POLYURETHANE FOAM IS NOT CURRENTLY REGULATED BY DOT.

## SECTION 15 : REGULATORY INFORMATION

POLYURETHANE FOAM HAS NO CARCINOGENIC SUBSTANCES AND IS CLASSIFIED AS NON HAZARDOUS UNDER THE FEDERAL OSHA STANDARDS.

## SECTION 16 : OTHER INFORMATION

PREPARED BY / DEPARTMENT	PHONE NUMBER	DATE UPDATED
HARENDRA RATHOD / QA DEPARTMENT	905-846-3666 / 1-800-387-3847	April 16, 2015

FOR INFORMATION : Visit Web: [www.tundrafoam.com](http://www.tundrafoam.com) or Email: [info@tundrafoam.com](mailto:info@tundrafoam.com)