

**FOUNDATION ARMOR**

3 Bud Way #27  
 Nashua, NH 03063  
 Phone: 866-306-0246

DATE ISSUED 11/12/14  
 DATE REVISED

24 HOUR EMERGENCY PHONE  
 800-424-9300

**MATERIAL SAFETY DATA SHEET****SECTION I / IDENTIFICATION OF MATERIAL**

<b>PRODUCT NAME</b>	<b>ARMOR UTN60 Part A 250 VOC</b>		
<b>USE</b>	Concrete coating	<b>CHEMICAL FAMILY</b>	ACRYLIC POLYOL

**SECTION II / HAZARDOUS INGREDIENTS**

COMPONENT	CAS #	%	TVL(ACGIH)	PEL(OSHA)
Acetic Acid, Butyl Ester	123-86-4	N/A	150 ppm	150 ppm
Dimethyl Carbonate	616-38-6	N/A	N/A	N/A
Methyl Amil Ketone	110-43-0	N/A	200 ppm	200 ppm
Benzene, 1 – chloro-4-(trifluoromethyl)	98-56-6	N/A	100 ppm	100 ppm
Ethyl 3-ethoxypropionate	763-69-9	N/A	N/A	N/A

**SECTION III / PHYSICAL DATA**

<b>APPEARANCE &amp; ODOR</b>	CLEAR LIQUID WITH SOLVENT ODOR		
<b>MELTING POINT (°C)</b>	N/A	<b>BOILING POINT (°C)</b>	N/A
<b>DENSITY (g/ml)</b>	N/A	<b>SPECIFIC GRAVITY</b>	1.14
<b>% WATER</b>	0	<b>VOC grams/liter</b>	< 250 (mixed A & B)
<b>VAPOR PRESSURE (mm Hg)</b>	N/A	<b>VISCOSITY</b>	N/A
<b>SOLUBILITY IN WATER</b>	NEGATIVE	<b>PH</b>	N/A

**SECTION IV / FIRE AND EXPLOSION HAZARD DATA**

<b>FLASHPOINT</b>	39.92 F	<b>METHOD</b>	TCC/PM	<b>FLAMMABLE LIMITS</b>	LEL	1.00	UEL	7.00
<b>EXTINGUISHING MEDIA</b>	DRY FILM ONLY. DRY CHEMICAL, Co2, WATER FOG.							
<b>SPECIAL FIREFIGHTING PROCEDURES</b>	WEAR SELF-CONTAINING BREATHING APPARATUS.							
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>	KEEP CONTAINERS ISOLATED FROM HEAT AND TIGHTLY CLOSED							

**SECTION V / REACTIVITY DATA**

<b>STABILITY (CHECK ONE)</b>	UNSTABLE		STABLE	X
<b>CONDITIONS TO AVOID</b>	N/A			
<b>INCOMPATIBILITY</b>	N/A			
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	NO			

## SECTION VI / HEALTH HAZARD DATA

<b>EFFECTS OF EXPOSURE</b>	<b>DERMAL</b>	Irritation and cracking of skin in severe cases. Clean with soap and water. Seek medical attention if symptoms persist.							
	<b>EYE</b>	Will cause irritation. Flush with water for 15 minutes. Seek medical attention if problem persists.							
	<b>INHALATION</b>	May cause dizziness and light headiness. Remove to fresh air.							
	<b>INGESTION</b>	Seek medical attention. DO NOT INDUCE VOMITING!							
<b>EMERGENCY FIRST AID</b>	<b>DERMAL</b>	IMMEDIATELY FLUSH WITH WATER AND REMOVE SOILED CLOTHING							
	<b>EYE</b>	IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES							
	<b>INHALATION</b>	REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF NECESSARY.							
	<b>INGESTION</b>	SEEK MEDICAL ATTENTION IMMEDIATELY							
<b>CARCINOGENICITY</b>	<b>IARC</b>	NO		<b>OSHA</b>	NO		<b>NTP</b>	NO	
<b>TOXICITY</b>	<b>EYE</b>	N/A	<b>ORAL</b>	N/A	<b>INHALATION</b>	N/A	<b>DERMAL</b>	N/A	
<b>OTHER</b>									

## SECTION VII / SPILL PROCEDURES AND HANDLING REQUIREMENTS

<b>SPILL AND LEAK PROCEDURES</b>	WEAR PROTECTIVE CLOTHING. STOP LEAK, AND CONTAIN SPILL.	
<b>WASTE DISPOSAL PROCEDURES</b>	DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.	
<b>HANDLING AND STORAGE PRECAUTIONS</b>	HANDLE WITH ACCEPTED PRACTICES FOR LIQUID DRUMS.	
<b>SPECIAL PRECAUTIONS</b>	N/A	

## SECTION VII / SPECIAL PROTECTION INFORMATION

<b>RESPIRATORY</b>	USE NIOSH OR MSHA APPROVED CARTRIDGE RESPIRATOR.
<b>SKIN</b>	NITRILE RUBBER GLOVES RECOMMENDED
<b>EYE</b>	SAFETY GLASSES RECOMMENDED
<b>VENTILLATION</b>	LOCAL EXHAUST RECOMMENDED
<b>OTHER</b>	CLEAN, LONG LEGGED. LONG SLEEVED CLOTHING

## SECTION IX / TRANSPORTATION INFORMATION

<b>TSCA STATUS</b>	N/A		<b>DOT SHIPPING INFORMATION</b>	Paint Related Material, 3, UN1263, PG III	
<b>HMIS/NFP RATINGS</b>	<b>HEALTH</b>	2	<b>FLAMMABILITY</b>	3	<b>REACTIVITY</b> 0
<b>OTHER</b>	<b>PERSONAL PROTECTION - G</b>				

N/A = NOT APPLICABLE      N/D = NOT DETECTED

THIS DOCUMENT HAS BEEN PREPARED USING DATA FROM SOURCES CONSIDERED TECHNICALLY RELIABLE. THERE ARE NO GUARANTEES TO ITS ACCURACY OR SUITABILITY TO SPECIFIC APPLICATIONS. ACTUAL CONDITIONS OF USE, HANDLING, AND END PRODUCT PERFORMANCE ARE THE SOLE RESPONSIBILITY OF THE USER. THE USER ASSUMES ALL RISK AND LIABILITY FOR USE BEYOND FOUNDATION ARMOR LLC, INCLUDING COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PREPARED BY: FOUNDATION ARMOR LLC

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<b>SECTION I / IDENTIFICATION OF MATERIAL</b>								
<b>PRODUCT NAME</b>		ARMOR UTN60 Part B 250 VOC						
<b>USE</b>		Concrete coating	<b>CHEMICAL FAMILY</b>		Isocyanate			
<b>SECTION II / HAZARDOUS INGREDIENTS</b>								
<b>COMPONENT</b>		<b>CAS #</b>	<b>%</b>	<b>TVL(ACGIH)</b>	<b>PEL(OSHA)</b>			
1-chloro-4-(trifluoromethyl)benzene		98-56-6	N/A	N/A	N/A			
Homopolymer of HDI		28182-81-2	N/A	N/A	N/A			
<b>SECTION III / PHYSICAL DATA</b>								
<b>APPEARANCE &amp; ODOR</b>		CLEAR LIQUID WITH SOLVENT ODOR						
<b>MELTING POINT (°C)</b>		N/A	<b>BOILING POINT (°C)</b>		N/A			
<b>DENSITY (g/ml)</b>		N/A	<b>SPECIFIC GRAVITY</b>		1.10			
<b>% WATER</b>		0	<b>VOC grams/liter</b>		< 250 (mixed A & B)			
<b>VAPOR PRESSURE (mm Hg)</b>		N/A	<b>VISCOSITY</b>		N/A			
<b>SOLUBILITY IN WATER</b>		NEGATIVE	<b>PH</b>		N/A			
<b>SECTION IV / FIRE AND EXPLOSION HAZARD DATA</b>								
<b>FLASHPOINT</b>	42.8 C	<b>METHOD</b>	TCC/PM	<b>FLAMMABLE LIMITS</b>	LEL	1.00	UEL	7.00
<b>EXTINGUISHING MEDIA</b>		DRY FILM ONLY. DRY CHEMICAL, Co2, WATER FOG.						
<b>SPECIAL FIREFIGHTING PROCEDURES</b>		WEAR SELF-CONTAINING BREATHING APPARATUS.						
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b>		KEEP CONTAINERS ISOLATED FROM HEAT AND TIGHTLY CLOSED						
<b>SECTION V / REACTIVITY DATA</b>								
<b>STABILITY (CHECK ONE)</b>		UNSTABLE		STABLE		X		
<b>CONDITIONS TO AVOID</b>		N/A						
<b>INCOMPATIBILITY</b>		N/A						
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>		NO						

## SECTION VI / HEALTH HAZARD DATA

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<b>EMERGENCY FIRST AID</b>	<b>DERMAL</b>	IMMEDIATELY FLUSH WITH WATER AND REMOVE SOILED CLOTHING							
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	<b>INHALATION</b>	REMOVE TO FRESH AIR. SEEK MEDICAL ATTENTION IF NECESSARY.							
	<b>INGESTION</b>	SEEK MEDICAL ATTENTION IMMEDIATELY							
<b>CARCINOGENICITY</b>	<b>IARC</b>	NO		<b>OSHA</b>	NO		<b>NTP</b>	NO	
<b>TOXICITY</b>	<b>EYE</b>	N/A	<b>ORAL</b>	N/A	<b>INHALATION</b>	N/A	<b>DERMAL</b>	N/A	
<b>OTHER</b>									

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<b>HANDLING AND STORAGE PRECAUTIONS</b>	HANDLE WITH ACCEPTED PRACTICES FOR LIQUID DRUMS.	
<b>SPECIAL PRECAUTIONS</b>	N/A	

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<b>RESPIRATORY</b>	USE NIOSH OR MSHA APPROVED CARTRIDGE RESPIRATOR.
<b>SKIN</b>	NITRILE RUBBER GLOVES RECOMMENDED
<b>EYE</b>	SAFETY GLASSES RECOMMENDED
<b>VENTILLATION</b>	LOCAL EXHAUST RECOMMENDED
<b>OTHER</b>	CLEAN , LONG LEGGED. LONG SLEEVED CLOTHING

## SECTION IX / TRANSPORTATION INFORMATION

<b>TSCA STATUS</b>	N/A		<b>DOT SHIPPING INFORMATION</b>	Paint Related Material, 3, UN1263, PG III	
<b>HMIS/NFP RATINGS</b>	<b>HEALTH</b>	1	<b>FLAMMABILITY</b>	3	<b>REACTIVITY</b>   0
<b>OTHER</b>	<b>PERSONAL PROTECTION - G</b>				

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