## MATERIAL SAFETY DATA SHEET SEETEC NBR B6240

Effective Date: 96-09-23

		STANC	CE AND CO	OMF	PANY		
1. IDENTIFICATION	ON OF THE SUBS				· · · · ·		
TRADE NAME	SEETEC NB B6240						
CHEMICAL NAME	Butadiene-acylonitrile Copolymer						
SYNONYMS	Nitrile Polymer						
CAS NUMBER	9003-17-2	9003-17-2					
COMPANY IDENTIFICATION	Hyundai Petrochemical Co., LTD 679 Dadjuk-Ri, Daesan-Eup, Seosan-Si, Chungnam, Korea						
EMERGENCY PHONE NUMBER	+82-41-661-1962						
MASD INFORMATION	Quality Assurance +82-41-661-1962						
2. COMPOSITION	/ INFORMATION	NO N	THE COM	PON	ENTS		
Hazardous Components	Percentage by weight.		CAS No	э.	ACGIH* (TLV-TWA)	OSHA* (PEL-TWA)	
Non-Hazardous	-		-		-	-	
	NTIFICATION						
Emergency Ove If exposed excess	erview	flame,	the produc	ct wil	ll burn.		
Emergency Ove	erview		the produc		ll burn.		
Emergency Ove If exposed excess	erview				ll burn.		
Emergency Over If exposed excess APPEARANCE	erview ive heat or open f		Light tan b		ll burn.		
Emergency Over If exposed excess APPEARANCE ODOR	erview ive heat or open f n effects		Light tan b	ale			
Emergency Over If exposed excess APPEARANCE ODORPotential Health PRIMARY ROUTE SHORT-TERM E	erview ive heat or open f n effects ES OF ENTRY XPOSURE(ACUT	ΓE )	Light tan b NA  Dermal(sk None know	oale tin) c	contact non expected		
Emergency Over If exposed excess APPEARANCE ODORPotential Health PRIMARY ROUTE SHORT-TERM E LONG-TERM EX	erview ive heat or open f n effects ES OF ENTRY XPOSURE(ACUT	ΓE )	Light tan b NA  Dermal(sk None know	oale tin) c	contact		
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Emergency Over If exposed excess APPEARANCE ODORPotential Health PRIMARY ROUTE SHORT-TERM E LONG-TERM EX 4. FIRST AID MEARED GENERAL FIRST	erview ive heat or open f n effects ES OF ENTRY XPOSURE(ACUT POSURE(CHRON ASURES AID: No procedu	TE )	Light tan b NA Dermal(sk None know None know	oale sin) c wn, r wn fc	contact non expected or products a	s produced	
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Emergency Over If exposed excess APPEARANCE ODORPotential Health PRIMARY ROUTE SHORT-TERM E LONG-TERM EXIST AID MEASE GENERAL FIRST 5. FIRE-FIGHTING FLASH POINT MEASES	erview ive heat or open f ive heat or open f n effects ES OF ENTRY XPOSURE(ACUT POSURE(CHRON ASURES AID: No procedu G MEASURES ETHOD	TE ) NIC )	Light tan b NA  Dermal(sk None know None know e expected	oale sin) c wn, r wn fc	contact non expected or products a e required fo	s produced r this material.	
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Hazard Rating: 0-Insignificant, 1-Slight, 2-Moderate, 3-High, 4-Extreme 6. ACCIDENTAL RELEASE MEASURES AFTER SPILLAGE / LEAKAGE: Sweep or shovel, vacuum into container for disposal or reuse. 7. HANDLING AND STORAGE PRECAUTIONS: Keep away from excessive heat and open flame. 8. EXPOSURE CONTROLS / PERSONAL PROTECTION GENERAL: Practice good personal hygiene  VENTILATION If heated provide adequate ventilation PROTECTION: In order to smoke and fume from work area.  RESPIRATION Under normal conditions of use, respiratory PROTECTION: Safety glasses  PROTECTION GLOVES: NA 9. PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE Light tan bale ODOR NA DENSITY NA SOLUBILITY IN WATER MELT POINT NA SPECIFIC GRAVITY 0.999 VAPOR DENSITY NA SPECIFIC GRAVITY 0.999 VAPOR DENSITY NA SOLUBLITY IN NA SPECIFIC NA VOLUME NA STABILITY AND REACTIVITY MATERIALS TO AVOID: Material is stable. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide. SPECIAL SENSITIVITY: NA 11. TOXICOLOGY INFORMATION ORAL LDSO NE INHALATION LCSO LDISPOSAL CONSIDERATIONS						
AFTER SPILLAGE / LEAKAGE: disposal or reuse. 7. HANDLING AND STORAGE PRECAUTIONS: Keep away from excessive heat and open flame. 8. EXPOSURE CONTROLS / PERSONAL PROTECTION GENERAL: Practice good personal hygiene  VENTILATION PROTECTION: If heated provide adequate ventilation PROTECTION: in order to smoke and fume from work area.  RESPIRATION PROTECTION: Under normal conditions of use, respiratory PROTECTION: Safety glasses  PROTECTION GLOVES: NA 9. PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE Light tan bale ODOR NA DENSITY NA SOLUBILITY IN Insoluble MATER Insoluble MELT POINT NA SPECIFIC GRAVITY VAPOR DENSITY NA VAPOR DENSITY NA OLOLATILE BY OVLOUME 10. 7 max INITIAL BOILING POINT NA PRESSURE 10. STABILITY AND REACTIVITY MATERIALS TO AVOID: None known, none expected. CONDITIONS TO AVOID: Material is stable. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA 11. TOXICOLOGY INFORMATION ORAL LDSO NE INHALATION LCSO NE						
LEAKAGE: Sweep of shovel, vacuum into container for disposal or reuse.  7. HANDLING AND STORAGE  PRECAUTIONS: Keep away from excessive heat and open flame.  8. EXPOSURE CONTROLS / PERSONAL PROTECTION  GENERAL: Practice good personal hygiene  VENTILATION   If heated provide adequate ventilation   PROTECTION: In order to smoke and fume from work area.  RESPIRATION   Under normal conditions of use, respiratory  PROTECTION: Safety glasses  PROTECTION GLOVES: NA  9. PHYSICAL AND CHEMICAL PROPERTIES  APPEARANCE   Light tan bale  ODOR   NA  SOLUBILITY IN   Insoluble  MATER   MA  SOLUBILITY IN   MA  SPECIFIC   0.99  CRAVITY   0.99  VAPOR   NA  SPECIFIC   0.99  CRAVITY   NA  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LDSO   NE  DERMAL LDSO   NE  INHALATION   NE						
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PRECAUTIONS: Keep away from excessive heat and open flame.  8. EXPOSURE CONTROLS / PERSONAL PROTECTION  GENERAL: Practice good personal hygiene  VENTILATION PROTECTION: If heated provide adequate ventilation protection: in order to smoke and fume from work area.  RESPIRATION Under normal conditions of use, respiratory should not be required.  EYE PROTECTION: Safety glasses  PROTECTION GLOVES: NA  9. PHYSICAL AND CHEMICAL PROPERTIES  APPEARANCE Light tan bale  ODOR NA  DENSITY NA  SOLUBILITY IN WATER  MELT POINT NA  SPECIFIC GRAVITY  VAPOR DENSITY  NA  WOLATILE BY VOLUME  INITIAL BOILING POINT  VAPOR NA  PRESSURE NA  NA  O.7 max  INITIAL O. STABILITY AND REACTIVITY  MATERIALS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  INHALATION LESS  INHALATION LESS  INHALATION NE			disposal or reuse.			
8. EXPOSURE CONTROLS / PERSONAL PROTECTION GENERAL: Practice good personal hygiene  VENTILATION If heated provide adequate ventilation PROTECTION: In order to smoke and fume from work area.  RESPIRATION Under normal conditions of use, respiratory Should not be required.  EYE PROTECTION: Safety glasses  PROTECTION GLOVES: NA 9. PHYSICAL AND CHEMICAL PROPERTIES APPEARANCE Light tan bale ODOR NA DENSITY NA SOLUBILITY IN Insoluble MELT POINT NA SPECIFIC GRAVITY VAPOR POINT NA SPECIFIC GRAVITY VAPOR NA DENSITY NA SOLUBLISTY NA SOLUBLISTY NA SPECIFIC GRAVITY VAPOR NA PRESSURE NA 10. STABILITY AND REACTIVITY MATERIALS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA 11. TOXICOLOGY INFORMATION ORAL LD50 NE DERMAL LD50 NE INHALATION LC50  InhALATION LC50  InhALATION In order to smoke and quarter ventilation In order to smoke and qua	7. HANDLING AND STORAGE					
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RESPIRATION PROTECTION:  Should not be required.  EYE PROTECTION:  Safety glasses  PROTECTION GLOVES:  NA  9. PHYSICAL AND CHEMICAL PROPERTIES  APPEARANCE  Light tan bale  ODOR  NA  SOLUBILITY IN  WATER  MELT POINT  NA  SPECIFIC  GRAVITY  VAPOR  DENSITY  % VOLATILE BY VOLUME  INITIAL  BOILING POINT  VAPOR  PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50  NE  INHALATION  LC50  NE			If heated provide adequate ventilation			
PROTECTION:    Should not be required.			in order to smoke and fume from work area.			
PROTECTION:    Should not be required.						
EYE PROTECTION: Safety glasses  PROTECTION GLOVES: NA  9. PHYSICAL AND CHEMICAL PROPERTIES  APPEARANCE Light tan bale  ODOR NA  DENSITY NA  SOLUBILITY IN  WATER Insoluble  MELT POINT NA  SPECIFIC GRAVITY  VAPOR DENSITY  % VOLATILE BY VOLUME  INITIAL BIOLIUME PROPERTIES  NA  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50			Under normal conditions of use, respiratory			
PROTECTION GLOVES: NA  9. PHYSICAL AND CHEMICAL PROPERTIES  APPEARANCE Light tan bale  ODOR NA  DENSITY NA  SOLUBILITY IN Insoluble  MELT POINT NA  SPECIFIC GRAVITY 0.99  VAPOR DENSITY  % VOLATILE BY VOLUME  INITIAL BOILING POINT  VAPOR PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50  INHALATION LC50  INHALATION LC50  INHALATION LC50  INHALATION LC50  INHALATION LC50			should not be required.			
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9. PHYSICAL AND CHEMICAL PROPERTIES  APPEARANCE Light tan bale  ODOR NA  DENSITY NA  SOLUBILITY IN Insoluble  MELT POINT NA  SPECIFIC GRAVITY 0.99  VAPOR DENSITY NA  % VOLATILE BY VOLUME INITIAL BOILING POINT NA  PRESSURE NA  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50  INHALATION LC50  NA  ANA  PROPERTIES  APPEARANCE Light tan bale  Insoluble  Insoluble  NA  NA  O.7 max	EYE PROTECTIO	N :	Safety glasses			
9. PHYSICAL AND CHEMICAL PROPERTIES  APPEARANCE Light tan bale  ODOR NA  DENSITY NA  SOLUBILITY IN Insoluble  MELT POINT NA  SPECIFIC GRAVITY 0.99  VAPOR DENSITY NA  % VOLATILE BY VOLUME INITIAL BOILING POINT NA  PRESSURE NA  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50  INHALATION LC50  NA  ANA  PROPERTIES  APPEARANCE Light tan bale  Insoluble  Insoluble  NA  NA  O.7 max						
APPEARANCE Light tan bale  ODOR NA  DENSITY NA  SOLUBILITY IN WATER  MELT POINT NA  SPECIFIC GRAVITY 0.99  VAPOR DENSITY NA  O.7 max  INITIAL BOILING POINT NA  SPESSURE NA  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  INHALATION LC50  INHALATION LC50  NA  Insoluble  Insoluble  Insoluble  Insoluble  NA	PROTECTION GL	OVES:	NA			
ODOR NA DENSITY NA SOLUBILITY IN WATER MELT POINT NA SPECIFIC GRAVITY 0.99 VAPOR DENSITY NA % VOLATILE BY VOLUME INITIAL BOILING POINT NA DILING POINT NA MATERIALS TO AVOID: None known, none expected. CONDITIONS TO AVOID: Material is stable. HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION ORAL LD50 NE DERMAL LD50 NE INHALATION LC50 NA  Insoluble Insoluble Insoluble NA I	9. PHYSICAL AND	CHEMICAL	_ PROPERTIES			
DENSITY NA  SOLUBILITY IN Insoluble  MELT POINT NA  SPECIFIC GRAVITY 0.99  VAPOR DENSITY NA  % VOLATILE BY VOLUME  INITIAL BOILING POINT  VAPOR PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50  NA  Insoluble  In	APPEARANCE	Light tan ba	ale			
SOLUBILITY IN WATER  MELT POINT NA  SPECIFIC 0.99  VAPOR DENSITY NA  % VOLATILE BY VOLUME  INITIAL BOILING POINT  VAPOR PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50  NA  O.99  NA  0.7 max  NA  NA  C.7 max  NA  O.7 max  O.7 ma	ODOR	NA	NA			
WATER  MELT POINT  MELT POINT  NA  SPECIFIC GRAVITY  VAPOR DENSITY  % VOLATILE BY VOLUME  INITIAL BOILING POINT  VAPOR PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50  NE  INHALATION LC50  NE	DENSITY	NA	NA			
SPECIFIC GRAVITY  VAPOR DENSITY  NA  % VOLATILE BY VOLUME  INITIAL BOILING POINT  VAPOR PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50  NE  INHALATION LC50  NE		Insoluble				
GRAVITY VAPOR DENSITY NA  % VOLATILE BY VOLUME INITIAL BOILING POINT VAPOR PRESSURE 10. STABILITY AND REACTIVITY MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION ORAL LD50 NE DERMAL LD50 NE INHALATION LC50 NE	MELT POINT	NA				
DENSITY  % VOLATILE BY VOLUME  INITIAL BOILING POINT  VAPOR PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50  NE  DERMAL LD50  NE  INHALATION LC50  NA  1. TOXICOLOGY INFORMATION NE		0.99				
VOLUME INITIAL BOILING POINT VAPOR PRESSURE 10. STABILITY AND REACTIVITY MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA 11. TOXICOLOGY INFORMATION ORAL LD50 DERMAL LD50 INHALATION LC50 NE		NA				
BOILING POINT  VAPOR PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50  DERMAL LD50  NE  INHALATION LC50  NA  NA  PRESSURE  NA  10. STABILITY AND REACTIVITY  NA  11. TOXICOLOGY INFORMATION  ORAL LD50  NE  INHALATION LC50  NE		0.7 max				
PRESSURE  10. STABILITY AND REACTIVITY  MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50 NE		NA				
MATERIALS TO AVOID: None known, none expected.  CONDITIONS TO AVOID: Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY: NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50 NE		NΔ				
CONDITIONS TO AVOID : Material is stable.  HAZARDOUS DECOMPOSITION PRODUCTS : Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY : NA  11. TOXICOLOGY INFORMATION ORAL LD50 NE DERMAL LD50 NE INHALATION LC50 NE	10. STABILITY AND REACTIVITY					
HAZARDOUS DECOMPOSITION PRODUCTS : Carbon monoxide and carbon dioxide.  SPECIAL SENSITIVITY : NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50 NE	MATERIALS TO AVOID : None known, none expected.					
SPECIAL SENSITIVITY : NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50 NE	CONDITIONS TO AVOID : Material is stable.					
SPECIAL SENSITIVITY : NA  11. TOXICOLOGY INFORMATION  ORAL LD50 NE  DERMAL LD50 NE  INHALATION LC50 NE						
11. TOXICOLOGY INFORMATION ORAL LD50 NE DERMAL LD50 NE INHALATION LC50 NE						
ORAL LD50 NE DERMAL LD50 NE INHALATION LC50 NE						
DERMAL LD50 NE INHALATION LC50 NE						
INHALATION NE LC50						
	INHALATION NE					

DISPOSAL :	Incinerate, treat or landfill in accordance with applicable environmental
	control.regulation. Recycle if possible.
40 TRANSPORTATION INFORMATION	

## 13. TRANSPORTATION INFORMATION

United States				
BASIC DESCRIPTION:	NA			
FREIGHT DESCRIPTION:	Rubber, Synthetic, Crude. NMFC 171800			
PRIMARY HAZARD CLASS:	NA			
OUDOIDIA DVI LA ZA DD OL A CO.	NIA			
SUBSIDIARY HAZARD CLASS:	NA			
LABELS REQUIRED:	NA			
LABLEO REGOINED.	I VA			
REPORTABLE QUANTITY:	NA			
STCC Number:	2821220 AA			
UN Number:	NA			
	None			
IN OKWATION.				
Packing Group.	NA			
	NA None			

## 14. REGULATORY INFORMATION

This material is not considered hazardous under the OSHA Hazard Communication Standard CFR Title 29, Pat 1910.1200 or the WHMIS Canadian legislation.

## 15. OTHER INFORMATION / ADDITIONAL COMMENTS

Not a hazardous chemical as defined by the OSHA Hazard Communication Standard, CFR Title 29, 1910.1200 and the WHMIS Canadian legislation.

ISSUED BY-Hyundai Petrochemical Company Material Department-Chungnam, Korea