

MATERIAL SAFETY DATA SHEET



Ramflex: Top Layer

SECTION I

MANUFACTURER'S NAME: MONDO AMERICA INC.	EMERGENCY TELEPHONE NUMBER: in USA call *CHEMTREC 1 800 424-9300 in Canada call CANUTEC 1 613 996-6666
ADDRESS: 2655 Francis-Hughes Laval, (Quebec) Canada H7L 3S8	TELEPHONE NUMBER FOR INFORMATION: in USA call 1 800 361-3747 in USA and Canada call 1 800 663-8138
	DATE PREPARED: January 26, 2006
	PREPARED BY: Technical Department

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components: (specific chemical identity; common name(s))	OSHA (PEL)	ACGIH (TLV)	Other limits	
			Recommended	% (optional)
Styrene-butadiene rubber D2 (9003-55-8)				35-45%
Hydrate Alumina Silica D2 (1332-58-7)				
Amorphous Precipitated Silica D2 (112926-00-8)				45-55%
Zinc oxide D2 (1314-13-2)				
Stearic acid D2 (57-11-4)				
Sulfur D2 (7704-34-9)				1-10%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: N/A	Specific Gravity (H ₂ O = 1): 1.42g/ml
Vapor Pressure (mm Hg): N/A	Melting Point: N/A
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility In Water: N/A	
Appearance and Odor: Solid and odorless	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (method used): N/A	Flammability Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: Water spray, foam, CO ₂ or dry chemical			
Special Fire Fighting Procedures: Complete protection equipment including a self-contained breathing apparatus.			
Unusual Fire and Explosion Hazards: Smoke generate sulfur dioxide and nitrogen dioxide gases.			
Dot Hazard Classification: N/A			

N/A = NOT APPLICABLE

SECTION V - REACTIVITY DATA

Stability:	Unstable?	No	Conditions to avoid:	N/A
	Stable?	Yes		
Incompatibility (Materials to avoid): N/A				
Hazardous Decomposition or By-Products: Smoke generated sulfur dioxide and nitrogen dioxide gases.				
Hazardous Polymerization:	May Occur?	No	Conditions to Avoid:	N/A
	Will Not Occur?	Yes		

SECTION VI- HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Unlikely	Skin?	N/A	Ingestion?	Unlikely
Health Hazards (acute and chronic):			Acute?	N/A	Chronic?	N/A
Carcinogenicity:	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
Signs and Symptoms of Exposure: N/A						
Medical Conditions Generally Aggravated by Exposure: N/A						
Emergency and First Aid Procedures:						
EYES: N/A						
SKIN: N/A						
INHALATION: Remove to fresh air. Provide artificial respiration if not breathing. Contact a Physician.						
INGESTION: Do not induce vomiting. Contact a Physician.						

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Avoid breathing fumes or vapors. During processing, wear NIOSH or other approved respirator when required.	
Waste Disposal Method: Dispose in accordance to local, state and federal enviromental regulations.	
Precautions to be Taken in Handling and Storing: Store in a room with stable temperature of 20 degrees C.	
Other Precautions: N/A	

SECTION VIII - CONTROL MEASURES

Respiratory Protection (specify type): N/A		
Ventilation:	Local Exhaust:	Special:
N/A	N/A	N/A
	Mechanical (general):	Other:
	N/A	As needed minimize exposure.
Protective Gloves: Neoprene or nitrite gloves.	Eye Protection: Safety glasses.	
Other Protective Clothing or Equipment: N/A		
Work/Hygienic Practices: N/A		

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			Recommended	% (optional)
Hydrate Alumina Silica D2 (1332-58-7)				10-20%
Sulfur D2 (007704349)				< 1%
N-cyclohexyl-2-benzothiazyl sulfonamide D2 (95-31-8)				< 1%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling point: N/A	Specific Gravity (H2O = 1): 1.30 g/ml
Vapor Pressure (mm Hg): N/A	Melting Point: N/A
Vapor Density (AIR = 1): N/A	Evaporation Rate (Butyl Acetate = 1): N/A
Solubility In Water: N/A	
Appearance and Odor: Solid and Odorless	

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Hazardous Decomposition or By-Products: Smoke generated sulfur dioxide and nitrogen dioxide gases.				
Hazardous Polymerization:	May Occur?	No	Conditions to Avoid:	N/A
	Will Not Occur?	Yes		

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Route(s) of Entry:	Inhalation?	Unlikely	Skin?	N/A	Ingestion?	Unlikely
Health Hazards (acute and chronic):			Acute?	N/A	Chronic?	N/A
Carcinogenicity:	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
Signs and Symptoms of Exposure: N/A						
Medical Conditions Generally Aggravated by Exposure: N/A						
Emergency and First Aid Procedures:						
EYES: N/A						
SKIN: N/A						
INHALATION: Remove to fresh air. Provide artificial respiration if not breathing. Contact a Physician.						
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