



# MATERIAL SAFETY DATA SHEET

PRODUCT: SPORTFLEX

FILE NO: MD 00100  
MSDS Date / Revision: 04/ 04/ 2011

## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SPORTFLEX  
PRODUCT CODES: SPO 110003  
MANUFACTURER: MONDO AMERICA INC  
ADDRESS: 2655 Francis-Hughes Laval,  
(Quebec) Canada H7L 3S8  
EMERGENCY PHONE: 1 800 663 8138  
CHEMICAL NAME: N/A  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: N/A  
PRODUCT USE: PREFABRICATED SPORT SURFACE

## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	% (w/w)	C.A.S.	OSHA (PEL)	ACGIH (TLV)
Styrene-Butadiene Rubber	10-20	SBR: 9003-55-8	15 mg/m3	10mg/m3
Process oil	05-10	64742-04-07	5 mg/m3	NA
Hydrated Aluminum Silica	10-15	1332-58-7	15 mg/m3	2 mg/m3
Zinc oxide	1-2	1314-13-2	5 mg/m3	10 mg/m3
Sulphur	1-2	7704-34-9	NA	10 mg/m3
Stearic acid	1-2	57-11-4	NA	NA

## SECTION 3: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** This product has been evaluated and does not require a hazard warning on the label under OSHA criteria. It is an article and, as such, is excluded per 29 CFR 1910.1200(b) (6) (v) of the OSHA Hazard Communication Standard.

**ROUTES OF ENTRY:** Dermal contact. Eye contact. Inhalation. Ingestion.

### POTENTIAL HEALTH EFFECTS

**EYES:** ..... Non-irritant to the eyes

**SKIN:** ..... Non-irritant for the skin

**INGESTION:** ..... Do not ingest.

**INHALATION:** ..... No significant irritation expected other than possible mechanical irritation.

**ACUTE HEALTH HAZARDS:** ..... Not applicable

**CHRONIC HEALTH HAZARDS:** ..... Not applicable

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** ..... Not applicable



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## SECTION 4: FIRST AID MEASURES

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**EYES:** .....Wash affected area immediately with plenty of water for at least 15 minutes. If irritation develops or persists, seek medical attention

**SKIN:** .....Wash affected area with large amounts of soap and water. If irritation develops or persists, seek medical attention

**INGESTION:** .....If swallowed, seek medical attention. May cause gastrointestinal blockage.

**INHALATION:** .....No adverse effects are anticipated from single exposure to dust. If adverse effects occur, remove to uncontaminated area. Seek medical attention

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLASH POINT (OC)**..... N/A

**UPPER FLAMMABLE LIMITS (% VOL):** ..... Not available

**LOWER FLAMMABLE LIMITS (% VOL):** ..... Not available

**AUTO IGNITION TEMPERATURE:** ..... >350°C (700°F)

**NFPA HAZARD CLASSIFICATION:** ..... HEALTH: 0      FLAMMABILITY: 1      REACTIVITY: 0

**HMIS HAZARD CLASSIFICATION:** ..... HEALTH: 0      FLAMMABILITY: 1      REACTIVITY: 0

**EXTINGUISHING MEDIA:** ..... All extinguishing media can be used, therefore use suitable media appropriate for the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** ..... Fire-fighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**..... This product will ignite when exposed to heat or flame. Rubber burns with intense heat and produces smoke. During an uncontrolled fire, incomplete combustion occurs which releases oil and a wide range of hydrocarbon pyrolysis products.

A dust explosion hazards exists with hard rubber in the powder form and in the presence of an ignition source

**HAZARDOUS DECOMPOSITION PRODUCTS:** ..... Complete combustion can produce carbon monoxide and/or carbon dioxide and other harmful products.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**LEAKS AND SPILLS**..... Not applicable

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING PROCEDURES:** ..... Avoid creation of respirable dust. Avoid contact with eyes and ingestion. Use good industrial hygiene practices in handling this material.

**STORAGE NEEDS:** ..... No special requirements.



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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** ..... Not applicable  
**VENTILATION EQUIPMENT:** ..... Not applicable  
**RESPIRATORY PROTECTION:** ..... Not applicable  
**EYE PROTECTION:** ..... None required; however, use of eye protection is good industrial practice.  
**SKIN PROTECTION:** ..... None required; however, use of protective gloves/ clothing is good industrial practice.  
**WORK HYGIENIC PRACTICES:** ..... Not applicable  
**EXPOSURE GUIDELINES:** ..... Not applicable

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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** ..... Thick mat  
**ODOR:** ..... Rubber odor  
**PHYSICAL STATE:** ..... Solid  
**pH AS SUPPLIED:** ..... Not applicable  
**BOILING POINT:** ..... Not applicable  
**MELTING POINT:** ..... Not applicable  
**FREEZING POINT:** ..... Not applicable  
**VAPOR PRESSURE (mmHg):** ..... Not applicable  
**VAPOR DENSITY (AIR = 1):** ..... Not applicable  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** ..... 1.12  
**EVAPORATION RATE:** ..... Not applicable  
**SOLUBILITY IN WATER:** ..... Insoluble

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### SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** ..... Stable  
**CONDITIONS TO AVOID (STABILITY):** ..... Combustion  
**INCOMPATIBILITY (MATERIAL TO AVOID):** ..... None identified  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** ..... Incomplete burning can produce carbon monoxide and/or carbon dioxide, various oxidized hydrocarbons and other harmful products.  
**HAZARDOUS POLYMERIZATION:** ..... Will not occur.

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### SECTION 11: TOXICOLOGICAL INFORMATION

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**TOXICOLOGICAL INFORMATION:** ..... Testing not conducted  
**SECTION 11 NOTES:** Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

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### SECTION 12: ECOLOGICAL INFORMATION

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**ECOLOGICAL INFORMATION:** This water-insoluble polymeric solid is expected to be inert in the environment. Surface photo degradation is expected with exposure to sunlight. No appreciable biodegradation is expected.



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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

The preferred options include sending to a licensed, permitted: Recycler. Reclaimer. Incinerator or other thermal destruction device.

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**SECTION 14: TRANSPORT INFORMATION**

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**U.S. DEPARTMENT OF TRANSPORTATION:**

SHIPPING NAME: ..... Not Regulated

**Canadian Transportation of Dangerous Goods**

SHIPPING NAME: ..... Not Regulated

**INTERNATIONAL INFORMATION:**

**Sea (IMO/IMDG):**  
SHIPPING NAME: ..... Not Regulated

**Air (ICAO/IATA)**  
SHIPPING NAME: ..... Not Regulated

**European Road/Rail (ADR/RID)**

SHIPPING NAME: ..... Not Regulated

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS**

**CERCLA SECTIONS 102a/103 HAZARDOUS SUBSTANCES (40 CFR Part 302.4):** This product is not reportable under 40 CFR Part 302.4

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):** This product is not regulated under Section 302 of SARA and 40 CFR Part 355.

**311/312 HAZARD CATEGORIES:** This product is not regulated under SARA Title III Section 311/312.

**313 REPORTABLE INGREDIENTS:** This product is not regulated under Section 313 of SARA and 40 CFR Part 372.

**CANADIAN REGULATIONS:**

**CONTROLLED PRODUCTS REGULATIONS (CPR):** This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR), and the MSDS contains all the information required by CPR.

**WHMIS CLASSIFICATION:** Not a Controlled Product under Canada's Workplace Hazardous Materials Information System.

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**SECTION 16: OTHER INFORMATION**

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**DISCLAIMER:** Mondo urges each customer or recipient of this MSDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this MSDS and any hazards associated with the product. The information herein is provided in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that his activities comply with all federal, state, provincial or local laws. The information presented here pertains only to the product as shipped. Since conditions for use of the product are not under the control of the manufacturer, it is the buyer's/user's duty to determine the conditions necessary for the safe use of this product.