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Material Safety Data Sheet

A. Product and company identification.

1. Trade Name: Michiloy ABSPC01 Natural
2. Material description: ABS/PC Alloy
3. Phone number: 1-877-777-4514
4. MSDS number: ABSPC1

B. Composition:

<u>Ingredients</u>	<u>C.A.S. number</u>	<u>% by weight</u>
copolymer of bisphenol A/phosgene	103598-77-2	28-70
acrylonitrile/butadiene/styrene terpolymer	009003-56-9	30-70
residual acrylonitrile monomer	107-13-1	<0.01
residual styrene monomer	100-42-5	<0.25
proprietary lubricant package		<1
proprietary heat stabilization package		<1

C. Hazards Identification:

1. Overview: Spilled pellets may present a slipping hazard. Styrene in monomer form is listed as a potential carcinogen for hazard communication purposes under OSHA standard 29 CFR 1910.1200. There is presently no long term animal or human studies that have shown that exposure to styrene monomer can cause cancer. Because it is only present at a level of less than .25 % by weight, and is encapsulated in the polymer, it is not expected to cause any hazardous condition.
2. Potential health effects:
 - a. Eyes: Dust can cause mechanical irritation. Fumes generated processing may cause irritation and redness.
 - b. Skin: This material not expected to cause skin irritation or allergic skin reactions based on available data.
 - c. Inhalation: Pellet inhalation unlikely due to physical form.
 - d. Ingestion: Not toxic in small amounts.
 - e. Contact with molten material: Can cause burns.

D. First aid measures:

1. Eyes: Remove contact lenses and flush with water for 20-30 minutes.
2. Skin: Wash with soap and water and seek medical attention if irritation persists.
3. Inhalation: Pellet inhalation unlikely due to physical form.
4. Ingestion: Not toxic in small amounts.
5. Contact with molten material: Do not attempt to forcibly remove from skin. Cool under running water. Seek medical attention.

E. Fire and explosion information:

1. Auto-ignition: NA
2. Flash point: NA
3. Lower flammability limit: NA
4. Upper flammability limit: NA



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5. Explosion data: Products shipped are not combustible dusts; however a combustible concentration of dust may occur if fines are suspended in air.
6. Fire fighting: Use self contained breathing apparatus and protective clothing for structural fire fighting.
7. Extinguishing media: Water spray, dry chemical, foam or carbon dioxide.
8. Hazardous combustion products: carbon monoxide, carbon dioxide, styrene, hydrogen cyanide.

F. Handling and storage:

1. Spill measures: Sweep up spills as they may pose slipping hazard.
2. Storage guidelines: Store in cool dry place

G. Stability and reactivity:

1. Stability: Stable
2. Reactivity: None
3. Conditions to avoid: Avoid temperatures above 315 C (600F).

H. Physical and chemical properties:

1. Specific gravity: 1.12
2. Odor: Odorless
3. Form: Pellet
4. Vapor pressure: NA
5. Solubility in water: negligible
6. pH: NA
7. Melting point: No a sharp melting point. It softens over a wide temperature range.
8. Evaporation rate: Negligible

I. Waste disposal methods:

1. Users must comply with federal, state and local disposal laws when material is discarded.

Disclaimer:

The information contained herein relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief to be accurate. No warranty or guarantee is made to its accuracy and completeness. It is the user's responsibility to satisfy himself as to the suitability of such information pertaining to his own particular use.

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