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Material Safety Data Sheet

A. Product and company identification.

1. Trade Name: POM01 Natural
2. Material description: Polyoxymethylene Copolymer
3. Phone number: 1-877-777-4514
4. MSDS number: msdsac1

B. Composition:

| <u>Ingredients</u> | <u>C.A.S. numbers</u> | <u>% by weight</u> |
|----------------------------|--|--------------------|
| Polyoxymethylene copolymer | 24969-25-3 24969-26-4 41258-95-1 | 100 |

C. Hazards Identification:

1. Overview: These products are translucent white to off-white or pigmented solid pellets with a slight formaldehyde odor. Spilled material may present a slipping hazard. These products are not classified as combustible dusts, however a combustible concentration of dust may occur if fines are suspended in air. Avoid contact with strong oxidizing agents. These materials may begin to decompose at elevated temperatures, producing fumes that can contain formaldehyde. Adequate ventilation should be insured to minimize exposure.
2. Potential health effects:
 - a. Eyes: Fine particles of dust may cause mechanical irritation of eyes. Fumes can cause irritation and redness.
 - b. Skin: This material is not known to cause skin irritation or allergic reactions.
 - c. Ingestion: Small amounts are not known to cause injury if swallowed.
 - d. Inhalation: This material is not expected to be inhaled in pellet form. Fine particles of dust or fumes may cause mechanical irritation to respiratory tract.
 - e. Contact with molten material: Can cause burns.

D. First aid measures:

1. Eyes: Flush with water to remove fine particles of dust. If fumes irritate eyes, remove to fresh air. Get medical attention if irritation persists.
2. Skin: Wash with soap and water.
3. Ingestion: If a significant amount has been swallowed, give two glasses of water to dilute. Seek medical attention.
4. Inhalation: Remove to fresh air. Seek medical attention if difficulties in breathing occur.
5. Contact with molten material: Flush under cool water. Do not remove material from skin. Get medical attention.

E. Fire and explosion information:

1. Auto-ignition: NA
2. Flash point: > 200 C
3. Lower flammability limit: not available
4. Upper flammability limit: not available
5. Explosion data: Product stored in non-conductive packaging such as boxes, drums or bags must be emptied in a non-flammable atmosphere. Failure to do so might cause flash fire or



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explosion due to electrostatic discharge (see National Fire Protection Association (NFPA) Code 77, "Recommended Practice on Static Electricity", 1988 (or latest) edition, chapter 7, sections 8 and 9, and plant Operations Progress, Volume 7, Number 1, January 1988 for more information.)

6. Fire fighting: Water should be used to keep fire-exposed container cool. Water and/or dry chemical use may cause damage to machinery. Self-contained breathing apparatus and personal protective equipment may be needed for large fires.
7. Extinguishing media: CO², foam, dry chemical, or water spray. Treat as class 8 fire.
8. Hazardous combustion products: carbon monoxide, trioxane, formaldehyde, parafomaldehyde.

F. Handling and storage:

1. Spill measures: Vacuum or sweep material for disposal in accordance with local, state and federal regulations. Recycling of spilled material is recommended. This product is not a hazardous waste under RCRA.
2. Storage guidelines: This product may react with strong oxidizing agents and should not be stored near such materials.

G. Stability and reactivity:

1. Stability: Stable
2. Reactivity: Strong oxidizing agents.
3. Conditions to avoid: Storage near strong oxidizing agents.

H. Physical and chemical properties:

1. Specific gravity: 1.40 g/cc
2. Odor: formaldehyde
3. Form: pellet
4. Vapor pressure: < 0.001 mm Hg at 20 C
5. Solubility in water: < 0.001 % by weight
6. pH: not available
7. Melting point: 165 C
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 users responsibility to satisfy himself as to the suitability of such information pertaining to his own particular use.