

MATERIAL SAFETY DATA SHEET

723-015

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#83435

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REVISION DATE: 04/23/90
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SECTION 1 PRODUCT IDENTIFICATION

PRODUCT: BE SQUARE 195 WHITE WAX MSDS#: SP000233 LABEL: N/A

SHIPPING NAME: NOT HAZARDOUS PER D.O.T. CFR TITLE 49

CHEMICAL DESCRIPTION

CLAY-TREATED MICROCRYSTALLINE WAX [64742-42-3]
FOOD GRADE MEETS U.S. FDA REGULATIONS 21 CFR 172.886
AND 21 CFR 178.3710 AMONG OTHERS.

SECTION 2 HAZARDOUS INGREDIENTS

None as defined under the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Canadian Hazardous Products Act (S.C. 1987, c. 30(Part I)).

SECTION 3 PHYSICAL DATA

SPECIFIC GRAVITY: @60 F 0.91 VOLATILITY: NIL
VAPOR PRESSURE: Not Determined SOL. IN WATER: Insoluble

APPEARANCE AND ODOR: White solid. Little or no odor.

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >350 F FLAMMABLE LIMITS: Not Applicable

FLASH METHOD:
COC ASTM D-92

EXTINGUISHING MEDIA:
Use water spray or fog, alcohol-type foam, dry chemical or CO2.

FIRE FIGHTING PROCEDURES:
Use a self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive pressure mode. Non-flammable. Keep fire-exposed containers cool using water spray.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None known.

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CONTINUATION OF SP000233

As with most solid or particulate organic materials, extremely high dust concentrations in air may result in a potential explosion hazard. Use good housekeeping to prevent significant solids accumulation.

SECTION 5 HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

INHALATION:

If heated to decomposition, fumes generated may result in respiratory irritation. ACGIH exposure limit for paraffin wax fume is a TLV-TWA of 2 mg/m3. When finely divided, inhalation of dust may cause irritation of mucous membranes and respiratory tract. OSHA permissible exposure limit (PEL-TWA) and ACGIH threshold limit value (TLV-TWA) for respirable dust: 5 mg/m3. Total nuisance dust OSHA PEL-TWA: 15 mg/m3; total dust ACGIH TLV-TWA: 10 mg/m3. Not expected to be a problem under normal conditions of use.

SKIN AND EYE CONTACT:

Not expected to be a problem under normal conditions of use. May produce mild irritation on prolonged contact with skin or eyes. Not expected to be absorbed through the skin in significant quantities. The cool solid material is not expected to cause skin or eye irritation; however, contact with molten material may result in thermal burns.

INGESTION:

May be harmful if swallowed. May cause gastrointestinal disturbances.

ORAL LD50: >5 g/kg (Rat)

EMERGENCY AND FIRST AID PROCEDURES:

Wash skin thoroughly with soap and water. Launder clothing before reuse. If in eyes, irrigate with flowing water immediately and continuously for fifteen minutes. Consult a physician. If inhaled, remove to fresh air and administer oxygen if necessary. If ingested, consult a physician. If molten polymer gets on skin, cool rapidly with cold water. Do not attempt to peel polymer from skin. Obtain medical attention for thermal burns.

SECTION 6 REACTIVITY DATA

STABILITY:

Stable under normal conditions of storage and use.

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INCOMPATIBILITY:

Keep away from strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

HAZARDOUS POLYMERIZATION:

Will not occur.

SECTION 7 SPILL AND LEAK PROCEDURES

IF MATERIAL IS SPILLED OR RELEASED:

Sweep up material and place in appropriate disposal container. Use sweeping compound or other cleaning aids to pick-up residues. Wash down area thoroughly with water. Use appropriate personal protective equipment as necessary.

If liquid is hot, attempt to confine spill and let the liquid solidify. Once solid, the product may be recovered as any other solid material.

DISPOSAL METHOD:

Secure container and take to an approved waste disposal site. Dispose of residues in accordance with applicable waste management regulations.

DECONTAMINATION PROCEDURES:

Not appropriate.

SECTION 8 SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Respirator use is not expected to be necessary under normal conditions of handling. In emergency situations, use of a NIOSH-approved respirator may be required.

VENTILATION:

General ventilation should be provided to maintain ambient concentrations below nuisance levels.

PROTECTIVE CLOTHING:

Chemical-resistant gloves and chemical goggles should be used to prevent skin and eye contact.

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SECTION 9 SPECIAL PRECAUTIONS

None known.
Molten product may cause thermal burns.

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