

UBUS PILL SPLITTER

7435-01
7333-01

0240359-001 update

MATERIAL SAFETY DATA SHEET

Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

Product code: 08785

Page: 1

Product Name: MAGNUM ~~ACRYLONITRILE/BUTADIENE~~ RESIN NATURAL

Effective Date: 06/21/90 Date Printed: 07/29/91

MSDS:003963

1. INGREDIENTS: (% w/w, unless otherwise noted)

Acrylonitrile/butadiene/styrene resin	CAS# 009003-56-9	50-98%
Acrylonitrile/styrene resin	CAS# 009003-54-7	Balance
Tallow		0-2%
Wax	CAS# 000110-30-5	0-2%

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not 'Hazardous' per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this standard.

2. PHYSICAL DATA:

BOILING POINT: Not applicable
VAP. PRESS: Not applicable
VAP. DENSITY: Not applicable
SOL. IN WATER: Nil
SP. GRAVITY: 1.05
APPEARANCE: Milky white or colored solid.
ODOR: No odor.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: None
METHOD USED: Not applicable

FLAMMABLE LIMITS
LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Water fog, foam, alcohol-resistant foam, CO2, dry chemical.

FIRE & EXPLOSION HAZARDS: Dense smoke emitted when burned without sufficient oxygen.

FIRE-FIGHTING EQUIPMENT: Wear positive-pressure self-contained breathing apparatus.

4. REACTIVITY DATA:

(Continued on page 2)

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Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

0240359-001

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Page: 2

Product Name: MAGNUM (R) 9555 ABS RESIN NATURAL

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4. REACTIVITY DATA: (CONTINUED)

STABILITY: (CONDITIONS TO AVOID) Temperatures over 300C (572F) releases combustible gases.

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Acrylonitrile and hydrogen cyanide.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

ACTION TO TAKE FOR SPILLS/LEAKS: Sweep up and discard.

DISPOSAL METHOD: Burn in an adequate incinerator or bury in landfill in accordance with all applicable federal, state, and local regulations.

6. HEALTH HAZARD DATA:

EYE: Solid or dusts may cause irritation or corneal injury due to mechanical action.

SKIN CONTACT: Essentially nonirritating to skin. Mechanical injury only.

SKIN ABSORPTION: Skin absorption is unlikely due to physical properties.

INGESTION: Single dose oral LD50 has not been determined. Single dose oral toxicity is believed to be very low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.

INHALATION: Dust may cause irritation to upper respiratory tract.

SYSTEMIC & OTHER EFFECTS: Additives are encapsulated in the product and are not expected to be released under normal processing conditions.

7. FIRST AID:

(Continued on page 3)

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Product code: 08785

Midland, MI 48674 Emergency Phone: 313-486-7000

Product Name: MAGNUM (R) 9555 ABS RESIN NATURAL

Effective Date: 06/21/90 Date Printed: 07/29/91

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7. FIRST AID: (CONTINUED)

EYES: Irrigate immediately with water for at least 5 minutes; mechanical effects only.

SKIN: Wash off in flowing water or shower.

INGESTION: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): None established.

VENTILATION: Good general ventilation should be sufficient for most conditions. Local exhaust ventilation may be necessary for some operations.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures without sufficient ventilation, use an approved air-purifying respirator. In dusty atmospheres, use an approved dust respirator.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

EYE PROTECTION: Use safety glasses. If there is a potential for exposure to particles which could cause mechanical injury to the eye, wear chemical goggles.

9. ADDITIONAL INFORMATION:

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid eye contact and avoid breathing dusts if generated. It is recommended that vessels and pipelines be grounded. Good housekeeping is in order to prevent the accumulation of dust.

When processing at elevated temperature, provide adequate ventilation to avoid fumes and steam clouds.

(Continued on page 4)

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Dow Chemical U.S.A.* Midland, MI 48674 Emergency Phone: 517-636-4400

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Page: R-1

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REGULATORY INFORMATION: (Not meant to be all-inclusive--selected regulations represented.)

NOTICE: The information herein is presented 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 from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state or provincial, and local laws and regulations. See MSD Sheet for health and safety information.

U.S. REGULATIONS

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Not to have met any hazard category

CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986: This product contains a chemical(s) known to the State of California to cause cancer. During processing of our product, exposure

may exceed the levels deemed to represent significant risk as defined by the emergency guidelines in 22 California Code of Regulations, Division 2, Chapter 3, Article 7.

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For Further Information.

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Product code: 08785

Page: 4

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9. ADDITIONAL INFORMATION: (CONTINUED)

MSDS STATUS: New MSDS.

For information regarding state/provincial and federal regulations see
The Regulatory Information Section.

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