MATERIAL SAFETY DATA SHEET

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

Product Code: 62672
Product Name: POLYETHYLENE 620

Effective Date: 03/20/88 Date Printed: 02/16/90 109 MSD: 000443

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

Polyethylene homopolymer CAS# 009002-88-4 100%

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 applic.
VAP DENSITY: Not applic.
SOL. IN WATER: Nil
SP. GRAVITY: 0.91 - 0.97
APPEARANCE: Translucent white, solid pellets or granules.
ODOR: No odor.

3. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Not applic.
METHOD USED: Not applic.

FLAMMABLE LIMITS
LFL: Not applic.
UFL: Not applic.

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

FIRE & EXPLOSION HAZARDS: Dense smoke emitted when burned without sufficient oxygen. Accumulation of fine dust particles could pose an explosion hazard.

FIRE-FIGHTING EQUIPMENT: Wear positive pressure, self-contained breathing apparatus in any closed space.

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4. REACTIVITY DATA:

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

INCOMPATIBILITY: (SPECIFIC MATERIALS TO AVOID) None.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustible gases when xposed to temperatures over 572F, 300C.

HAZARDOUS POLYMERIZATION: Will not occur.

5. ENVIRONMENTAL AND DISPOSAL INFORMATION:

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

DISPOSAL METHOD: Bury in landfill or burn in an adequate incinerator in accordance with applicable local, state, and federal regulations.

. HEALTH HAZARD DATA:

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

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

SKIN ABSORPTION: A single prolonged skin exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INGESTION: May cause choking if swallowed. Single dose oral toxicity is believed to be very low. Considered physiologically inert.

INHALATION: Vapors are unlikely due to physical properties. Single exposure to dust is not likely to be hazardous.

SYSTEMIC & OTHER EFFECTS: No relevant information found.

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7. FIRST AID:

EYES: Irrigate immediately with water for at least 5 minutes. Mechanical irritation 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: No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

8. HANDLING PRECAUTIONS:

EXPOSURE GUIDELINE(S): None established.

VENTILATION: Good general ventilation should be sufficient.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

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

EYE PROTECTION: Use safety glasses.

9. ADDITIONAL INFORMATION:

REGULATORY REQUIREMENTS:

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

SPECIAL PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Practice reasonable care and caution in handling.

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9. ADDITIONAL INFORMATION: (CONTINUED)

MSDS STATUS: Revised Section 9.

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