

M A T E R I A L S A F E T Y D A T A S H E E T

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

Product Code: 62686

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Product Name: POLYETHYLENE 640

Effective Date: 03/20/88 Date Printed: 02/16/90

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.

6. 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.

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9. ADDITIONAL INFORMATION: (CONTINUED)

MSDS STATUS: Revised Section 9.

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