

MATERIAL SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

MATERIAL NAME (TRADE NAME): PRIMAX[®] UH1030, UH1060, UH1080
and UH1250

MANUFACTURER : Air Products and Chemicals, Inc. Allentown, PA 18195

CHEMICAL NAME : Ultrahigh Molecular Weight Polyethylene

CHEMICAL FAMILY: Polymer

EMERGENCY TELEPHONE NUMBERS

1-800-523-9374

1-215-481-4911 (outside U.S.A.)

SALES & PRODUCT INFO PHONE

1-800-345-3148

MSDS NUMBER: 4227-00

EFFECTIVE DATE: April 1989

REVISION: 00

[®]PRIMAX is a trademark of Air Products and Chemicals, Inc.

SECTION 2: HAZARDOUS INGREDIENTS

The product is surface modified, ultra high molecular weight polyethylene (CAS No. 9002-88-4). This material is not hazardous as defined in the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SECTION 3: PHYSICAL DATA

BOILING POINT : Not Applicable
MELTING POINT : >127 C
SOLUBILITY IN WATER : Insoluble
VAPOR PRESSURE (mm Hg) : Not Applicable
VAPOR DENSITY : Not Applicable
% VOLATILE BY VOLUME : Not Applicable
PH : Not Applicable
SPECIFIC GRAVITY (H2O=1) : 0.935 - 0.945
APPEARANCE/ODOR : Off white powder, pungent odor may exist

SECTION 4: FIRE AND EXPLOSION DATA

FLASH POINT : Not Applicable
FLAMMABLE LIMITS (%) : Not Applicable
EXTINGUISHING MEDIA : Water

SPECIAL FIREFIGHTING PROCEDURES:

Handle fire as a Class A fire for combustible solids.

FIRE AND EXPLOSION HAZARD:

Finely divided dust suspended in air may create a dust explosion risk.

SECTION 5: HEALTH HAZARD INFORMATION/FIRST AID

No adverse health effects are anticipated from the reasonable use of this product.

FIRST AID:

Flush from skin or eyes with water.

SECTION 6: REACTIVITY DATA

STABILITY: The material is stable under ambient conditions.

INCOMPATIBILITY (SPECIFIC MATERIALS TO AVOID): Nothing remarkable.

HAZARDOUS DECOMPOSITION PRODUCTS: When product burns, carbon monoxide and carbon dioxide gases may be formed.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 7: SPILL, LEAK AND DISPOSAL PROCEDURES

If material is not contaminated, scoop into clear containers for recovery.

DISPOSAL:

Incinerate or landfill in accordance with local, state and federal environmental regulations.

SECTION 8: SPECIAL PROTECTION INFORMATION

VENTILATION: If processing temperatures exceed 232 C, vent process equipment with local exhaust ventilation. If dusts are generated, use a nuisance dust respirator approved for the use by NIOSH. Pungent odor may accumulate in head space of closed container, use with adequate ventilation.

EYE PROTECTION: Wear safety glasses.

HAND PROTECTION: No special hand or body protective clothing is necessary.

OTHER: None

SECTION 9: SPECIAL PRECAUTIONS AND HANDLING INFORMATION

HANDLING:

PRIMAX* UH1030, UH1060, UH1080 and UH1250

Avoid creating dusty conditions.

Pungent odor may accumulate in head space of closed container.

Use with adequate ventilation.

SECTION 10: ADDITIONAL INFORMATION

All components are included in the EPA Toxic Substance Control Act
Chemical Substance Inventory.

H.M.I.S.

HEALTH : 0
FLAMMABILITY: 0
REACTIVITY : 0

These ratings should be used only as part of H.M.I.S. program.

Substance(s) listed by California under the "Safe Drinking Water and
Toxic Enforcement Act of 1986" (Proposition 65): none.