


**Material Safety
Data Sheets**

Division of Facilities Services

**DOD Hazardous Material Information (ANSI Format)
For Cornell University Convenience Only**

POLYPROPYLENE

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**Section 1 - Product and Company Identification
POLYPROPYLENE**

Product Identification: POLYPROPYLENE
Date of MSDS: 10/16/1985 **Technical Review Date:** 05/16/1995
FSC: 6810 **NIIN:** LIIN: 00N059378
Submitter: N EN
Status Code: C
MFN: 01
Article: N
Kit Part: N

Manufacturer's Information

Manufacturer's Name: AMOCO CHEMICALS CO
Manufacturer's Address1: 200 EAST RANDOLPH DR
Manufacturer's Address2: CHICAGO, IL 60601
Manufacturer's Country: US
General Information Telephone: 312-856-3304
Emergency Telephone: 800-447-8735;800-424-9300(CHEMTREC)
Emergency Telephone: 800-447-8735;800-424-9300(CHEMTREC)

MSDS Preparer's Name: STEPHEN A. ELBERT
Proprietary: N
Reviewed: N
Published: Y
CAGE: 15965
Special Project Code: N

Contractor Information

Contractor's Name: AMOCO CHEMICALS CORP
Contractor's Address1: 200 E RANDOLPH DR MC 4001
Contractor's Address2: CHICAGO, IL 60601-6401
Contractor's Telephone: UNKNOWN
Contractor's CAGE: 15965

Section 2 - Composition/Information on Ingredients POLYPROPYLENE

Ingredient Name: PROPENE POLYMERS; (POLYPROPYLENE)
Ingredient CAS Number: 9003-07-4 Ingredient CAS Code: M
RTECS Number: UD1842000 RTECS Code: M
=WT: =WT Code:
=Volume: =Volume Code:
>WT: >WT Code:
>Volume: >Volume Code:
<WT: <WT Code:
<Volume: <Volume Code:
% Low WT: % Low WT Code:
% High WT: % High WT Code:
% Low Volume: % Low Volume Code:
% High Volume: % High Volume Code:
% Text: N/K
% Environmental Weight:
Other REC Limits: N/K
OSHA PEL: N/K (FP N) OSHA PEL Code: M
OSHA STEL: OSHA STEL Code:
ACGIH TLV: N/K (FP N) ACGIH TLV Code: M
ACGIH STEL: N/P ACGIH STEL Code:
EPA Reporting Quantity:
DOT Reporting Quantity:
Ozone Depleting Chemical:

Section 3 - Hazards Identification, Including Emergency Overview POLYPROPYLENE

Health Hazards Acute & Chronic: EYE:NONE EXPECTED OTHER THAN POSSIBLE MECHANICAL IRRITATION.
SKIN/INHAL:NONE EXPECTED UNDER NORMAL CONDITIONS OF USE. INGEST:EXPECTED TO BE
RELATIVELY NON-TOXIC.

Signs & Symptoms of Overexposure:
SEE HEALTH HAZARDS.

Medical Conditions Aggravated by Exposure:
NONE SPECIFIED BY MANUFACTURER.

LD50 LC50 Mixture: LD50:(ORAL,RAT) >34,600 MG/KG.

Route of Entry Indicators:
Inhalation: NO

Skin: NO
Ingestion: NO

Carcinogenicity Indicators

NTP: NO
IARC: NO
OSHA: NO

Carcinogenicity Explanation: NOT RELEVANT

Section 4 - First Aid Measures
POLYPROPYLENE

First Aid:

INGEST:CALL MD IMMEDIATELY (FP N). INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O*2/ARTF RESP) (FP N). SKIN:FLUSH W/COPIOUS AMOUNTS OF WATER. CALL MD (FP N). EYES:FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTIONIF IRRITATION PERSISTS.

Section 5 - Fire Fighting Measures
POLYPROPYLENE

Fire Fighting Procedures:

USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire or Explosion Hazard:

NONE.

Extinguishing Media:

AGENTS APPROVED FOR CLASS A HAZARDS (E.G., HALOGENATED AGENTS, FOAM, STEAM) OR WATER FOG.

Flash Point: Flash Point Text: 690F,366C

Autoignition Temperature:

Autoignition Temperature Text: N/A

Lower Limit(s): N/K

Upper Limit(s): N/K

Section 6 - Accidental Release Measures
POLYPROPYLENE

Spill Release Procedures:

CONTAIN & REMOVE BY MECHANICAL MEANS.

Section 7 - Handling and Storage
POLYPROPYLENE

Handling and Storage Precautions:**Other Precautions:**

Section 8 - Exposure Controls & Personal Protection
POLYPROPYLENE

Respiratory Protection:

NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

Ventilation:

LOCAL EXHAUST VENT SHOULD BE USED TO DISPOSE OF VAPORS FROM HOT PROCESSING EQUIPMENT, PARTICULARLY DURING PURGING.

Protective Gloves:

IMPERVIOUS GLOVES (FP N).

Eye Protection: ANSI APPROVED SAFETY GLASSES (FP N).

Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Health & Safety Information: NONE SPECIFIED BY MANUFACTURER.

Section 9 - Physical & Chemical Properties
POLYPROPYLENE

HCC:

NRC/State License Number:

Net Property Weight for Ammo:

Boiling Point: Boiling Point Text: N/K

Melting/Freezing Point: Melting/Freezing Text: 330F,166C

Decomposition Point: Decomposition Text: N/K

Vapor Pressure: N/K Vapor Density: N/K

Percent Volatile Organic Content:

Specific Gravity: 0.9 (H*2O=1)

Volatile Organic Content Pounds per Gallon:

pH: N/K

Volatile Organic Content Grams per Liter:

Viscosity: N/P

Evaporation Weight and Reference: N/K

Solubility in Water: NEGLIGIBLE, <0.1%.

Appearance and Odor: ODORLESS WHITE PELLETS.

Percent Volatiles by Volume: N/K

Corrosion Rate: N/K

Section 10 - Stability & Reactivity Data
POLYPROPYLENE

Stability Indicator: YES

Materials to Avoid:

NONE IDENTIFIED.

Stability Condition to Avoid:

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:

INCOMPLETE BURNING CAN PRODUCE CARBON MONOXIDE, CARBON DIOXIDE & OTHER HARMFUL PRODUCTS.

Hazardous Polymerization Indicator: NO

Conditions to Avoid Polymerization:

NOT RELEVANT

Section 11 - Toxicological Information
POLYPROPYLENE

Toxicological Information:

N/P

Section 12 - Ecological Information
POLYPROPYLENE

Ecological Information:

N/P

Section 13 - Disposal Considerations
POLYPROPYLENE

Waste Disposal Methods:

DISPOSAL MUST BE I/A/W APPLICABLE FEDERAL, STATE OR LOCAL REGULATIONS. DETERMINE WASTE

CLASSIFICATIONS AT TIME OF DISP. CNDTNS OF USE MAY RENDER SPENT PROD A HAZ WASTE. ENCLSD-CONTROLLED INCIN IS REC UNLESS DIRECTED OTHERWISE BY APPLIC ORDINANCES.

Section 14 - MSDS Transport Information
POLYPROPYLENE

Transport Information:

N/P

Section 15 - Regulatory Information
POLYPROPYLENE

SARA Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Section 16 - Other Information
POLYPROPYLENE

Other Information:

N/P

HAZCOM Label Information

Product Identification: POLYPROPYLENE

CAGE: 15965

Assigned Individual: N

Company Name: AMOCO CHEMICALS CORP

Company PO Box:

Company Street Address1: 200 E RANDOLPH DR MC 4001

Company Street Address2: CHICAGO, IL 60601-6401 US

Health Emergency Telephone: 800-447-8735;800-424-9300(CHEMTREC)

Label Required Indicator: Y

Date Label Reviewed: 05/16/1995

Status Code: C

Manufacturer's Label Number:

Date of Label: 05/16/1995

Year Procured: N/K

Organization Code: G

Chronic Hazard Indicator: N

Eye Protection Indicator: YES

Skin Protection Indicator: YES

Respiratory Protection Indicator: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

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