### 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: UD842000 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:

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:
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 (H2O=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. CONDTS OF USE MAY RENDER SPENT PROD A HAZ WASTE. ENCLOS-C
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

8/9/2002 9:03:12 AM