

HUNTSMAN POLYMERS CORPORATION -- PLASTIC, PP 13S10A

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MSDS Safety Information  
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FSC: 9330  
MSDS Date: 03/12/1998  
MSDS Num: CJNWZ  
LIIN: 00N091763  
Product ID: PLASTIC, PP 13S10A  
MFN: 01  
Responsible Party  
Cage: TO184  
Name: HUNTSMAN POLYMERS CORPORATION  
Box: 3986  
City: ODESSA TX 79760  
Info Phone Number: 915-640-7200  
Emergency Phone Number: 800-424-9300 (CHEMTREC)  
Resp. Party Other MSDS No.: 154101  
Chemtrec IND/Phone: (800)424-9300  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: TO184  
Name: HUNTSMAN POLYMERS CORPORATION  
Box: 3986  
City: ODESSA TX 79760  
Phone: 915-640-7200

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Ingredients  
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Cas: 9010-79-1  
Name: 1-PROPENE, POLYMER WITH ETHENE  
Other REC Limits: N/K (FP N)  
OSHA PEL: 15 MG/M3  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 15 MG/M3  
ACGIH STEL: N/K (FP N)

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Name: NUISANCE DUST (NON-HAZARDOUS AS DEFINED IN 29 CFR 1910.1200)  
OSHA PEL: 15 MG/M3  
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Name: NUISANCE PARTICULATE (NON-HAZARDOUS AS DEFINED IN 29 CFR 1910.1200)  
ACGIH TLV: 15 MG/M3  
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Health Hazards Data  
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Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO

Effects of Exposure: ACUTE OVEREXPOSURE: NO APPLICABLE INFORMATION FOUND.  
INHALATION: NEGLIGIBLE HAZARD AT AMBIENT TEMPERATURE. VAPORS MAY BE FORMED  
AT ELEVATED TEMPERATURES. THESE VAPORS MAY BE IRRITATING TO THE EYES AND

RESPIRATORY TRACT. SKIN: PELLETS CAN BE ABRASIVE TO SKIN. MOLTEN OR HEATED MATERIAL CAN CAUSE BURNS.

Signs And Symptoms Of Overexposure: SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure: NO APPLICABLE INFORMATION FOUND.

First Aid: INHALATION: REMOVE VICTIM TO FRESH AIR. EYES: THIS PRODUCT IS AN INERT SOLID. REMOVE FROM EYES AS ONE WOULD ANY FOREIGN OBJECT. FLUSH WITH POTABLE WATER FOR AT LEAST 15 MINUTES. SEE MD (FP N). SKIN: FOR HOT PRODUCT, IMMEDIATELY IMMERSER IN OR FLUSH AFFECTED AREA WITH LARGE AMOUNTS OF WATER. INGESTION: FIRST AID IS NOT NORMALLY REQUIRED. CALL PHYSICIAN IMMEDIATELY (FP N).

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Handling and Disposal  
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Spill Release Procedures: CONTAIN SPILLED MATERIAL. TRANSFER TO SUITABLE CONTAINERS FOR DISPOSAL OR RECYCLE.

Waste Disposal Methods: THIS MATERIAL, WHEN DISPOSED OF IS NOT A RCRA HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

Handling And Storage Precautions: OPERATE STORAGE AND HANDLING SYSTEMS LEAK FREE. PRACTICE GOOD HOUSEKEEPING AND CLEANUP SPILLS IMMEDIATELY, AS THESE PELLETS CAN PRESENT A SERIOUS SLIPPING HAZARD. THE HANDLING OF PELLETS IN LOADING AND UNLOADING OPERATIONS, AS WELL AS FABRI CATION, MAY CAUSE NUISANCE DUST TO BE FORMED.

Other Precautions: TAKE NECESSARY PRECAUTIONS FOR PERSONNEL PROTECTION. WHEN UNLOADING BULK VEHICLES, DO NOT USE METAL SAMPLING DEVICES, SUCH AS AGRAIN THIEF, DUE TO THE RISK OF STATIC SHOCK AND IGNITION HAZARD. PNEUMATICHANDLING SYSTEMS, AUGERS, AND OTHER UNLOADING DEVICES SHOULD BE FREE OF CONTAMINATES.

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Fire and Explosion Hazard Information  
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Flash Point Method: CC

Flash Point: >343.3C, 650.F

Flash Point Text: (ESTIMATED)

Autoignition Temp: =570.C, 1058.F

Extinguishing Media: WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE.

Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). WATER SPRAY FROM A FOGGING NOZZLE IS RECOMMENDED PROCEDURE FOR FIGHTING FIRES INVOLVING THIS PRODUCT, SINCE IT IS A SURFACE BURNING MATERIAL.

Unusual Fire/Explosion Hazard: MAY BURN AT OR ABOVE FLASH POINT, AND AIRBORNE DUST MAY EXPLODE IF IGNITED. SEE NATIONAL FIRE PROTECTION ASSOCIATION BULLETIN 654, "DUST EXPLOSION PREVENTION, PLASTIC INDUSTRY 1975".

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Control Measures  
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Respiratory Protection: WHERE EXPOSURE TO NUISANCE DUST MAY EXCEED ACCEPTABLE LEVELS, USE NIOSH APPROVED RESPIRATORY PROTECTION EQUIPMENT.

Ventilation: PROVIDE ADEQUATE MECHANICAL VENTILATION AT THE POINTS OF EXTRUSION WHERE POLYPROPYLENE IS AT ELEVATED TEMPERATURES COMING FROM EXTRUDER.

Protective Gloves: WHERE THERE IS POTENTIAL FOR CONT W/HEATED MATL, WEAR HEAT PROT GLOVES.

Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: EYEWASH AND DELUGE SHOWER MEETING ANSI DESIGN CRITERIA (FP N). WHERE THERE IS A POTENTIAL FOR CONTACT WITH HEATED MATERIAL, WEAR HEAT PROTECTIVE CLOTHING.

Work Hygienic Practices: FOLLOW NORMAL PERSONAL HYGIENE AND GOOD HOUSEKEEPING PRACTICES.

Supplemental Safety and Health: PHYSICAL/CHEMICAL PROPERTIES: VAPOR DENSITY (AIR=1): SOLID MATERIAL; REACTIVITY IN WATER: NOT REACTIVE; MELTING POINT WILL VARY ACCORDING TO CUSTOMER SPECIFICATIONS.

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Physical/Chemical Properties  
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Melt/Freeze Pt: >145.C, 293.F  
M.P/F.P Text: 293F - 327F  
Vapor Density: SUP DAT  
Spec Gravity: 0.895 - 0.905 (H\*20=1)  
Solubility in Water: INSOLUBLE  
Appearance and Odor: TRANSLUCENT, ODORLESS PELLETS.  
Percent Volatiles by Volume: NON-VOLATILE  
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Reactivity Data  
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Stability Indicator: YES  
Materials To Avoid: ATTACKED BY OXIDIZING AGENTS SUCH AS NITRIC OR PERCHLORIC ACID AND FREE HALOGENS. ALSO SOFTENED BY HYDROCARBONS SUCH AS BENZENE, GASOLINE, LUBRICATING OILS, PETROLEUM ETHER AND BY CHLORINATED HYDROCARBONS.  
Hazardous Decomposition Products: CARBON, CARBON MONOXIDE, CARBON DIOXIDE AND ORGANIC VAPORS MAY BE PRODUCED DURING THERMAL DECOMPOSITION.  
Hazardous Polymerization Indicator: NO  
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Toxicological Information  
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Toxicological Information: TOXICITY DATA: NO APPLICABLE INFORMATION FOUND.  
CARCINOGENICITY: NO APPLICABLE INFORMATION FOUND. REPRODUCTIVE TOXICITY: NO APPLICABLE INFORMATION FOUND.  
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Ecological Information  
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Ecological: NO APPLICABLE INFORMATION FOUND.  
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MSDS Transport Information  
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Regulatory Information  
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Sara Title III Information: SARA TITLE III HAZARD CATEGORY: NO APPLICABLE INFORMATION FOUND.  
Federal Regulatory Information: TSCA: NO APPLICABLE INFORMATION FOUND.  
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Other Information  
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Other Information: COMMON NAME: PLASTIC. CHEMICAL NAME: 1-PROPENE, POLYMER WITH ETHENE. SYNONYMS: REXENE POLYPROPYLENE RESIN, POLYPROPYLENE COPOLYMER. RATINGS: HEALTH: 1; FIRE: 1; REACTIVITY: 0. HAZARD RATING: LEAST-0; SLIGHT-1; MODERATE-2; HIGH-3; EXTR EME-4. NON HAZARDOUS AS DEFINED IN 29 CFR 1910.1200.FOR ADDITIONAL INFORMATION ON HEALTH HAZARDS: INDUSTRIAL HYGIENIST, HUNTSMAN POLYMERS CORPORATION, PO BOX 3986, ODESSA, TEXAS 79760, (915) 640-8344.SERIAL # H1845.  
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HAZCOM Label

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Product ID: PLASTIC, PP 13S10A  
Cage: TO184  
Assigned IND: Y  
Company Name: HUNTSMAN POLYMERS CORPORATION  
PO Box: 3986  
City: ODESSA TX  
Zipcode: 79760  
Health Emergency Phone: 800-424-9300 (CHEMTREC)  
Label Required IND: Y  
Date Of Label Review: 08/03/1999  
Status Code: A  
Origination Code: F  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: WARNING  
Respiratory Protection IND: YES  
Health Hazard: Slight  
Contact Hazard: Moderate  
Fire Hazard: Slight  
Reactivity Hazard: None  
Hazard And Precautions: ACUTE OVEREXPOSURE: INHALATION: NEGLIGIBLE HAZARD AT  
AMBIENT TEMPERATURE. VAPORS MAY BE FORMED AT ELEVATED TEMPERATURES. THESE  
VAPORS MAY BE IRRITATING TO THE EYES AND RESPIRATORY TRACT. SKIN: PELLETS  
CAN BE ABRASIVE TO SKIN. MOLTEN OR HEAT ED MATERIAL CAN CAUSE BURNS.  
CHRONIC: NONE LISTED BY MANUFACTURER.  
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