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FINA OIL & CHEMICAL COMPANY  
MATERIAL SAFETY DATA SHEET

PRODUCT: POLYPROPYLENE COPOLYMER  
DATE OF ISSUE: 88-18-93  
SUPERCEDES: 83-30-92

PAGE 1  
MSDS NUMBER  
PRODUCT CODE

SECTION 1 - IDENTIFICATION

MANUFACTURERS NAME  
FINA OIL AND CHEMICAL CO.  
ADDRESS  
P.O. BOX 2159, DALLAS, TX 75221  
TRADE NAME  
FINA POLYPROPYLENE RANDOM COPOLYMER  
CAS REGISTRY NUMBER  
9810-79-1  
CHEMICAL FAMILY  
POLYMER  
OTHER THIS MSDS COVERS ALL PELLETIZED GRADES OF RANDOM  
ETHYLENE-PROPYLENE COPOLYMER MADE BY FINA.

EMERGENCY TELEPHONE NUMBER  
(713) 476-3700  
CHEMYREC TELEPHONE NUMBER  
(800) 424-9300  
CHEMICAL NAME  
ETHYLENE-PROPYLENE COPOLYMER  
CHEMICAL FORMULA  
(C3M5)X-(C2M2)Y  
DOT IDENTIFICATION NUMBER  
N.E.

SECTION 2 - HAZARDOUS INGREDIENTS

MATERIAL OR COMPONENT  
NOT A HAZARDOUS MATERIAL.

VOL 2

TLV

SECTION 3 - PHYSICAL DATA

BOILING POINT (DEG F)  
N.A.P.  
VAPOR PRESSURE (MMHG)  
N.A.P.  
VAPOR DENSITY (AIR=1)  
N.A.P.  
SOLUBILITY IN WATER  
NEGLECTIBLE  
APPEARANCE AND ODOR  
TRANSLUCENT PELLETS, SLIGHT PARAFFINIC ODOR

SPECIFIC GRAVITY (WATER=1)  
0.98  
PERCENT VOLATILE (VOLX)  
NEGLECTIBLE  
EVAPORATION RATE  
N.A.P.  
MELT POINT  
248 - 338 DEG F  
(178 - 170 DEG C)

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)  
N.A.P.

FLAMMABLE LIMITS - LOWER  
N.A.P.

FIRE  
EXTINGUISHING  
MEDIA

DRY CHEMICAL, CO2, FOAM, WATER, AND HALON.

SPECIAL  
FIRE  
FIGHTING  
PROCEDURES

AVOID INHALATION OF VAPORS. WEAR SELF-CONTAINED  
BREATHING APPARATUS WHEN FIRE FIGHTING IN CONFINED  
AREAS.

UNUSUAL  
FIRE/EXPLOSION  
HAZARDS

FIRE MAY PRODUCE IRRITATING GASES AND DENSE SMOKE

N.E. NOT AVAILABLE. N.A.P. NOT APPLICABLE. N.I.V. NOT AVAILABLE  
T.C. LISTED TOXIC CHEMICAL UNDER SEC. 302 OF TITLE III OF CARA 1980

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SECTION 3 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE  
NOT A KNOWN CARCINOGEN.  
NTP: NO  
IARC: NO  
OSHA: NO

ACUTE EFFECTS OF OVEREXPOSURE

INHALATION	NEGLECTIBLE HAZARD AT ROOM TEMPERATURE. IRRITATING VAPORS TO RESPIRATORY SYSTEM MAY FORM WHEN POLYMER IS PROCESSED AT HIGH TEMPERATURES.
SKIN CONTACT & ABSORPTION	SKIN CONTACT WITH MOLTEN OR HEATED POLYMER CAN CAUSE SERIOUS BURNS.
EYE CONTACT	VAPORS MAY BE FORMED WHEN POLYMER IS PROCESSED AT HIGH TEMPERATURES. THESE VAPORS MAY BE IRRITATING TO THE EYE.
INGESTION	N.A.P.

EMERGENCY FIRST AID PROCEDURES

INHALATION	REMOVE PERSON TO FRESH AIR.
SKIN CONTACT & ABSORPTION	FOR SERIOUS BURNS, GET MEDICAL ATTENTION. IN CASE OF SKIN CONTACT WITH HOT POLYMER, IMMEDIATELY IMMERSE IN OR FLUSH WITH CLEAN, COLD WATER.
EYE CONTACT	FLUSH WITH WATER, IF IRRITATION OCCURS.
INGESTION	N.A.P.

CHRONIC EFFECTS OF OVEREXPOSURE

N.A.P.

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SECTION 6 - REACTIVITY DATA

STABILITY  
STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID)  
NONE  
HAZARDOUS DECOMPOSITION PRODUCTS  
CARBON DIOXIDE, CARBON MONOXIDE  
HAZARDOUS POLYMERIZATION  
N.A.P.

CONDITIONS TO AVOID  
N.A.P.

CONDITIONS TO AVOID  
N.A.P.

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO  
BE TAKEN  
IN CASE  
MATERIAL  
IS RELEASED  
OR SPILLED

PELLETS ON THE FLOOR COULD PRESENT A SERIOUS  
SLIPPING PROBLEM. GOOD HOUSEKEEPING MUST BE  
MAINTAINED AT ALL TIMES TO AVOID THIS HAZARD.  
SWEEP, SHOVEL, OR VACUUM MATERIAL INTO CLEAN  
CONTAINERS.

WASTE  
DISPOSAL  
METHOD

TRANSFER TO AN APPROVED DISPOSAL AREA IN  
ACCORDANCE WITH FEDERAL, STATE AND LOCAL  
REGULATIONS.

SECTION 8 - SPECIAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION  
USE OF NIOSH-APPROVED RESPIRATORS RECOMMENDED WHEN HANDLING HOT  
MATERIAL.

PROTECTIVE CLOTHING  
GLOVES REQUIRED WHEN HANDLING HOT MATERIAL.

EYE PROTECTION  
SAFETY GLASSES

VENTILATION  
VENTILATE AS NEEDED WHEN HANDLING HOT MATERIAL.

OTHER PROTECTIVE EQUIPMENT  
N.A.P.

SECTION 9 - HANDLING AND STORAGE PRECAUTIONS

PRECAUTIONS TO BE  
TAKEN IN HANDLING  
AND STORING

THE HANDLING OF PELLETS MAY CAUSE NUISANCE DUST TO BE  
FORMED. TAKE NECESSARY PRECAUTIONS FOR PROTECTION OF  
PERSONNEL.

OTHER PRECAUTIONS  
N.A.P.

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