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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 (VOL%)
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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