

MATERIAL SAFETY DATA SHEET

ExxonMobil Chemical Company
A Division of Exxon Mobil Corporation

DATE PREPARED: JUL 18, 2002

MSDS NO.: 97849000

ESCOREZ 5600 SERIES/ECR-179(SEE SEC. 16)

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ESCOREZ 5600 Series/ECR-179(See Sec. 16)

CHEMICAL NAME:

Petroleum hydrocarbon resin

68132-00-3

CHEMICAL FAMILY:

Petroleum hydrocarbon resin

PRODUCT DESCRIPTION:

Clear or white solid, flakes, or molten liquid.

CONTACT ADDRESS:

ExxonMobil Chemical Company,
P.O. Box 3272, Houston, Texas 77253-3272

** EMERGENCY TELEPHONE NUMBERS: (24 Hours)	**
** CHEMTREC (800) 424-9300	**
** ExxonMobil Chemical Company (800) 726-2015	**

NON EMERGENCY TELEPHONE NUMBERS : (8am-5pm M-F)

FOR GENERAL PRODUCT INFORMATION CALL : (281) 870-6000

FOR HEALTH AND MEDICAL INFORMATION CALL : (281) 870-6884

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous as defined in 29 CFR1910.1200

SECTION 3 HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

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EYE CONTACT:

Irritating, but does not injure eye tissue.

SKIN CONTACT:

Frequent or prolonged contact may irritate.
Low order of toxicity.
Exposure to hot material may cause thermal burns and adhesion of the solidified product to the skin.

INHALATION:

Negligible hazard at ambient temperature (-18 to 38 Deg C; 0 to 100 Deg F)
Dust may be irritating to eyes and respiratory tract.
Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

INGESTION:

Minimal toxicity.

SECTION 4 FIRST AID MEASURES

EYE CONTACT:

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT:

Flush with large amounts of water; use soap if available.
For hot product, immediately immerse in or flush the affected area with large amounts of cold water to dissipate heat. Cover with clean cotton sheeting or gauze and get prompt medical attention. No attempt should be made to remove material from skin or to remove contaminated clothing, as the damaged flesh can be easily torn.

INHALATION:

In case of adverse exposure to vapors and/or aerosols formed at elevated temperatures, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

INGESTION:

First aid is normally not required.

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SECTION 5 FIRE-FIGHTING MEASURES

FLASH POINT: 400 Deg F. METHOD: COC ASTM D92 NOTE: Minimum

FLAMMABLE LIMITS: NOTE: Not Applicable

AUTOIGNITION TEMP.: NOTE: Not Available

GENERAL HAZARD

Solid material, may burn at or above the flashpoint, and airborne dust may explode if ignited .

Static Discharge, material can accumulate static charges which can cause an incendiary electrical discharge .

FIRE FIGHTING

Use water spray to cool fire exposed surfaces and to protect personnel.
Isolate "fuel" supply to fire.

Extinguish the fire by cooling with water spray.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

No unusual

SECTION 6 ACCIDENTAL RELEASE MEASURES

LAND SPILL

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting (see Section 15 REGULATORY INFORMATION) notify the National Response Center.

Recover spilled material and place in suitable containers for recycle or disposal.

Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

WATER SPILL

Prevent additional discharge of material, if possible to do so without hazard. Advise authorities if floating material enters a watercourse or

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sewer. If possible, try to contain floating material .
Skim from surface.
Consult an expert on disposal of recovered material and ensure conformity
to local disposal regulations.

SECTION 7 STORAGE AND HANDLING

ELECTROSTATIC ACCUMULATION HAZARD

Yes, use proper bonding and/or grounding procedure.

STORAGE TEMPERATURE Deg F:

Ambient

LOADING/UNLOADING TEMPERATURE Deg F:

Not Applicable

STORAGE/TRANSPORT PRESSURE mmHg:

Atmospheric

LOADING/UNLOADING VISCOSITY cSt:

Not Applicable

STORAGE AND HANDLING:

Keep container closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials.
Do NOT handle or store near an open flame, heat or other sources of ignition. Protect material from direct sunlight.
Material will accumulate static charges which may cause an electrical spark (ignition source). Use proper bonding and/or grounding procedures.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS

Local exhaust ventilation of process equipment may be needed to control particulate exposures to below the recommended exposure limit. See personal protection recommendations.

PERSONAL PROTECTION

For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves.
Where contact may occur, wear safety glasses with side shields.
Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield.

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Where concentrations in air may exceed the limits given in this Section and engineering, work practice or other means of exposure reduction are not adequate, NIOSH approved respirators may be necessary to prevent overexposure by inhalation.

WORKPLACE EXPOSURE GUIDELINES

ExxonMobil RECOMMENDS THE FOLLOWING OCCUPATIONAL EXPOSURE LIMITS:
a TWA of 10 mg/m³ total dust for nuisance dust.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY at Deg F:	0.95 to 1.05
VAPOR PRESSURE, mmHg at Deg F:	Not Applicable
SOLUBILITY IN WATER, wt. % at Deg F:	Insoluble
VISCOSITY OF LIQUID, cSt at Deg F:	Not Available
SP. GRAV. OF VAPOR, at 1 atm (Air=1):	Not Applicable
FREEZING/MELTING POINT, Deg F:	65 to 121 C (150 to 250 F)
EVAPORATION RATE, n-Bu Acetate=1:	Not Applicable
BOILING POINT, Deg F:	Not Applicable

SECTION 10 STABILITY AND REACTIVITY

STABILITY:

Stable

CONDITIONS TO AVOID INSTABILITY:

Not applicable

HAZARDOUS POLYMERIZATION:

Will not occur

CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION:

Not applicable

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY:

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None

HAZARDOUS DECOMPOSITION PRODUCTS:

No unusual

SECTION 11 TOXICOLOGICAL INFORMATION

Please refer to Section 3 for available information on potential health effects.

SECTION 12 ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.

SECTION 13 DISPOSAL CONSIDERATIONS

Please refer to Sections 5, 6 and 15 for disposal and regulatory information.

SECTION 14 TRANSPORT INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT):

DOT SHIPPING DESCRIPTION: SEE SECTION 16,

SECTION 15 REGULATORY INFORMATION

TSCA:

This product is listed on the TSCA Inventory at CAS Registry Number
68132-00-3

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CERCLA:

If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act. We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III:

Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:

Immediate health.

This information may be subject to the provisions of the Community Right-to-Know Reporting Requirements (40 CFR 370) if threshold quantity criteria are met.

This product does not contain Section 313 Reportable Ingredients.

SECTION 16 OTHER INFORMATION

Solid resin is not DOT regulated.

Molten resin is DOT regulated.

DOT SHIPPING DESCRIPTION: ELEVATED TEMPERATURE MATERIAL, LIQUID, N.O.S., 9, UN 3257, III.

This MSDS is applicable to the following products:

ESCOREZ 5600, 5615, 5618, 5690, 5637

ECR-165, 178, 179, 187, CLS-154-31, ECR-186

Including any sub-grades designated with a letter suffix,)
(eg., ECR-165B, ECR-178A, etc.)

REVISION SUMMARY:

Since July 2, 2002 this MSDS has been revised in Section(s):

3, 4, 8, 15

REFERENCE NUMBER:

HDHA-M-11165

SUPERSEDES ISSUE DATE:

July 2, 2002

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability and

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completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

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