

ARISTECH CHEMICAL CORPORATION -- UNSATURATED POLYESTER RESIN -- 8040-00-200-3793

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Product Identification  
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Product ID:UNSATURATED POLYESTER RESIN

MSDS Date:09/01/1990

FSC:8040

NIIN:00-200-3793

MSDS Number: BVFWD

=== Responsible Party ===

Company Name:ARISTECH CHEMICAL CORPORATION

Address:600 GRANT STREET

City:PITTSBURGH

State:PA

ZIP:15230-0250

Country:US

Info Phone Num:412-433-7654

Emerg

ency Phone Num:412-433-7654/412-433-5811

CAGE:94977

=== Contractor Identification ===

Company Name:ARISTECH CHEMICAL CORPORATION

Address:600 GRANT STREET

Box:City:PITTSBURGH

State:PA

ZIP:15230-0250

Country:US

Phone:412-433-7654/412-433-5811

CAGE:94977

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Composition/Information on Ingredients  
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Ingred Name:UNSATURATED POLYESTER BASE RESIN

Fraction by Wt: 38-80%

Ingred Name:STYRENE, MONOMER (SARA III)

CAS:100-42-5

RTECS #:WL3675000

Fraction by Wt: 20-62%

OSHA PEL:100 P



L TANKS AND DRUMS WITH WATER. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING EQUIPMENT AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:HIGH TEMPERATURE EXPOSURE FOR EXTENDED PERIODS OF TIME WILL RESULT IN SPONTANEOUS UNCONTROLLED EXOTHERMIC POLYMERIZATION.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL IGNITION SOURCES & OPEN FLAMES. INCREASE VENTILATION TO MAXIMIZE VAPOR DISPERSAL. DIKE LARGE SPILLS TO PREVENT RUNOFF INTO SEWERS OR WATERWAYS. COVER SPILL WITH INORGANIC ABSORBENT. SWEEP U P AND PLACE IN LABELED DRUM. REPORT STYRENE SPILL.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY AREA AWAY FROM OXIDIZERS. DO NOT STORE IN DIRECT SUNLIGHT. WORK W/ADEQUATE GENERAL & LOCAL EXHAUST VENTILATION TO MINIMIZE EXPOSURE.

Other Precautions:BOND & GROUND CONTAINERS FOR TRANSFER OF THIS PRODUCT TO PREVENT STATI C SPARKS. STYRENE VAPORS ARE UNHIBITED & MAY CAUSE BLOCKAGE OF VENTILATION VENTS DUE TO POLYMERIZATION. PERIODIC INSPECTION MAY BE NECESSARY TO PREVENT BLOCKAGE.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:RESPIRATORY PROTECTION APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST ORGANIC VAPORS SHOULD BE USED TO AVOID INHALATION OF EXCESSIVE AIR CONTAMINANTS. APPROPRIATE RESPIRATOR SELECTION DEPENDS ON THE TY PE AND MAGNITUDE OF EXP OSURE.

Ventilation:LOCAL EXHST VENTILATION TO CONTROL EMISSION OF AIR CONTAMINANTS. GENERAL DILUTION VENTILATION TO REDUCE CONCENTRATIONS.

Protective Gloves:POLYVINYL ALCOHOL, POLYETHYLENE TYPE.

Eye Protection:CHEMICAL SAFETY GLASSES OR FACE SHIELD.

Other Protective Equipment:POLYVINYL ALCOHOL OR POLYETHYLENE TYPE CLOTHES. EYEWASH STATION AND DELUGE SAFETY SHOWERS BE AVAILABLE IN WORK AREA.

Work Hygienic Practices:AVOID PROLONGED OR REPEATED CONTACT WITH THE SKIN. AVOID EYE C

ONTACT.

Supplemental Safety and Health

WARNING! FLAMMABLE. MAY BE IRRITATING TO EYES, SKIN AND RESPIRATORY TRACT.

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:293F,145C

Vapor Pres:4.5

Vapor Density:3.6

Spec Gravity:1.1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR VISCOUS LIQUID; SHARP STYRENATED ODOR.

Percent Volatiles by Volume:20-76

===== Stability and Reactivity Data =====

Stability Indicator/Mat

erials to Avoid:NO

STRONG ACIDS, PEROXIDES AND OTHER OXIDIZING AGENTS.

Stability Condition to Avoid:EXPOSURE TO EXCESSIVE HEAT OR OPEN FLAME;  
STORAGE IN OPEN CONTAINERS; PROLONGED STORAGE (6 MONTHS).

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, LOW  
MOLECULAR WEIGHT HYDROCARBONS, ORGANIC ACIDS.

Conditions to Avoid Polymerization:EXPOSURE TO HEAT, OPEN FLAME OR  
CONTAMINATION WITH OXIDIZING AGENTS, AVOID STORAGE ABOVE 38C  
(100F).

===== Disposal

Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE &  
FEDERAL REGULATIONS. HAZARDOUS WASTE REGULATIONS: 800-424-9346, THE  
RCRA HOTLINE.

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