
33-084 POLYLITE POLYESTER RESIN

MSDS Number

BBGCC

National Stock Number

6850-00F000193

Product Name

33-084 POLYLITE POLYESTER RESIN

Manufacturer

REICHHOLD CHEMICALS INC

Product Identification

Product ID:33-084 POLYLITE POLYESTER RESIN

MSDS Date:08/01/1989

FSC:6850

NIIN:00F000193

MSDS Number: BBGCC

Responsible Party

REICHHOLD CHEMICALS INC

800 CAPITOLA DR

DURHAM , NC 27713

US

Emergency Phone: 919-544-9225

Info Phone: 919-544-9225

Cage: DO591

Contractor

REICHHOLD CHEMICALS, INC.,

13852

REASARCH TRIANGLE PARK, NC 27709

US

800-275-6353

Cage: DO591

Ingredients

STYRENE, MONOMER (SARA III)

CAS: 100-42-5

RTECS: WL3675000

Fraction By Weight: 10-20%

OSHA PEL100 PPM

ACGIH TLV: S,50PPM/100STEL;9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO

Health Hazards Acute and Chronic:SKIN & EYES: IRRITATION. INHALATION:

MUCOUS MEMBRANE IRRITATION, UPPER RESPIRATORY TRACT DISCOMFORT.

INGESTION: GASTROINTESTINAL DISTURBANCES, DISCOMFORT, PAIN.
ABSORPTION & ASPIRATION HAZARD. HIGH CONCENTRATIONS MAY CAUSE
LIVER & KIDNEY DAMAGE.

Explanation of Carcinogenicity: IARC HAS CLASSIFIED STYRENE AS A
POSSIBLE HUMAN CARCINOGEN (GROUP 2B).

Effects of Overexposure: SKIN: DEFATTING, DRYNESS, DERMATITIS. EYES:
TEARS. INHALATION: HEADACHE, NAUSEA, INSENSIBILITY, CNS EFFECTS.

First Aid

First Aid: SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/WATER FOR 15 MINS.
INHALATION: REMOVE TO FRESH AIR. IF UNCONSCIOUS, GIVE OXYGEN OR
CPR. INGESTION: DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN
ALL CASES .

Fire Fighting

Flash Point: 89F

Lower Limits: 1.1%

Extinguishing Media: WATER SPRAY, FOAM, DRY CHEMICAL, CO2, CLASS B
EXTINGUISHING AGENT

Fire Fighting Procedures: FIREFIGHTERS & OTHERS EXPOSED TO VAPORS OR
PRODUCTS OF COMBUSTION SHOULD WEAR SELF-CONTAINED BREATHING
APPARATUS. FLAMMABLE LIQUID.

Unusual Fire/Explosion Hazard: IF POLYMERIZATION TAKES PLACE IN A CLOSED
CONTAINER, THERE IS THE POSSIBILITY OF VIOLENT RUPTURE OF THE
CONTAINER. PRODUCT VAPORS MAY FORM AN EXPLOSIVE MIXTURE.

Accidental Release

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. VENTILATE
AREA. ABSORB SPILL W/AN ABSORBENT MATERIAL SUCH AS SAWDUST,
VERMICULITE OR SAND & PLACE IN A CLOSED CONTAINER. IF LARGE SPILL,
DIKE THE AREA TO PREVENT THIS MATERIAL FROM ENTERING WATER SYSTEMS
OR SEWERS.

Handling

Handling and Storage Precautions: AVOID STORAGE >100F. AVOID
SKIN/INHALATION. AVOID IMPROPER ADDITION OF PROMOTER/CATALYST.
PRODUCT SHOULD BE STORED
Other Precautions: ALTHOUGH ELEVATED TEMPERATURES DO NOT CONSTITUTE A
HAZARD, A PROMOTER & CATALYST USED W/THIS PRODUCT SHOULD ALWAYS BE
MIXED SEPARATELY W/THE PRODUCT & MUST NEVER BE MIXED TOGETHER.

Exposure Controls

Respiratory Protection: A CANISTER-TYPE RESPIRATOR MUST BE WORN TO
PREVENT THE INHALATION OF VAPORS OR SPRAY MISTS WHEN >TLV/PEL.

Ventilation: LOCAL EXHAUST/MECHANICAL: REQUIRED

Protective Gloves: IMPERVIOUS

Eye Protection: FACE SHIELD, CHEMICAL GOGGLES

Other Protective Equipment: CLEAN PROTECTIVE CLOTHING TO PREVENT SKIN
CONTACT. EYE WASH STATION, SAFETY SHOWER

Supplemental Safety and Health

DISPOSE I/A/W LOCAL, STATE & FEDERAL REGULATIONS. UN 1866.

Chemical Properties

Boiling Pt: B.P. Text: 295F

Vapor Density: >1

Spec Gravity: 1.1

Evaporation Rate & Reference: SLOWER THAN N-BU AC

Solubility in Water: INSOLUBLE

Appearance and Odor: PURPLE OPAQUE LIQUID W/PUNGENT ODOR.

Percent Volatiles by Volume: 30-40

Stability

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS & OXIDIZING AGENTS

Stability Condition to Avoid: TEMPS >100F, HEAT, DIRECT SUNLIGHT & OTHER
IGNITION SOURCES.

Hazardous Decomposition Products: EMISSION OF IRRITATING, ACRID FUMES

Conditions to Avoid Polymerization: ELEVATED TEMPERATURES, FIRE

Disposal

Waste Disposal Methods: DISPOSAL OF THIS MATERIAL & ITS CONTAINER REQUIRED COMPLIANCE W/APPLICABLE LABELING, PACKAGING, & RECORD KEEPING STANDARDS. EXTREME CARE SHOULD BE TAKEN TO ENSURE THAT IT IS DISPOSED OF ONLY IN A FACILITY PERMITTED FOR DISPOSAL OF HAZARDOUS WASTES.

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