

UNION CARBIDE CORPORATION PVC CHRONOLOGY

- 1928 Started pilot plant production of vinyl chloride monomer and development of resins made from vinyl chloride - South Charleston, West Virginia.
- 1933 Commercial production of vinyl chloride by alkali dehydrochlorination of ethylene dichloride and the manufacture of vinyl chloride resins by the solution polymerization process - South Charleston, West Virginia.
- 1936 Expanded solution polymerization resin plant - South Charleston, West Virginia.
- 1937 Commercial production of vinyl chloride resins by continuous bulk polymerization - South Charleston, West Virginia.
- 1941 Initiated production of vinyl chloride by thermal dehydrochlorination of ethylene dichloride - South Charleston.
- 1942 Initiated production of vinyl chloride by synthesis process using acetylene and hydrogen chloride.
- 1943 Built new continuous bulk polymerization plant for vinyl resins - South Charleston, West Virginia.
- 1943 Built new emulsion polymerization plant for vinyl resins.
- 1945 Built new facility for manufacture of synthetic fiber from vinyl chloride and acrylonitrile - South Charleston, West Virginia.
- 1946 Built new vinyl chloride monomer plant, a solution polymerization resin plant and a continuous bulk polymerization resin plant in Texas City, Texas.
- 1947 Discontinued manufacture of vinyl chloride by caustic dehydrochlorination of ethylene dichloride and manufacture of bulk polymerized resins at South Charleston, West Virginia.
- 1954 Expanded solution polymerization plant for resins in Texas City.
- 1955 Initiated manufacture of vinyl resins by the suspension resin process at South Charleston, West Virginia.
- 1957 Converted the emulsion polymerization plant to a dispersion resin plant at South Charleston, West Virginia.
- 1960 Expanded the solution polymerization plant at Texas City, Texas.

- 1961 Perth Amboy Bulk Terminal started operation under OTD management.
- 1962 Initiated manufacture of vinyl resins by the suspension resin process at Texas City, Texas under technology license from Wacker Chemie.
- 1965 Expanded the suspension vinyl resin plant at Texas City, Texas, reduced capacity for bulk resins by fifty percent at Texas City, Texas and discontinued manufacture of suspension vinyl resins at South Charleston, West Virginia.
- 1967 Discontinued manufacture of vinyl chloride at South Charleston, West Virginia.
- 1968 Expanded the suspension vinyl resin plant at Texas City, Texas.
- 1969 Discontinued manufacture of vinyl chloride at Texas City, Texas.
- 1976 Discontinued the manufacture of vinyl chloride copolymer fiber and dispersion vinyl resins at South Charleston, West Virginia.

RNWJr./pm
December 2, 1977

RNW 0545