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Silicon Carbide (SiC)
was the first synthetic
abrasive to be
produced and also the
first to be
commercialized. 1891
was the year that

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silicon carbide
production began, and
thus revolutionized the
abrasive industry as a
whole. Before 1891,
almost all abrasives
were naturally found
such as rocks and
minerals.

**Silicon Carbide (SiC):
Properties,
Production ...**

Silicon carbide (SiC), in addition to its use as a common abrasive, is of importance to the

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semiconductor
industry. Although SiC
dis-plays superb
stability under
physiological
conditions, its utility in
biological modulation
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Silicon carbide (SiC) is one of the candidate materials for use in the first-wall and blanket component of fusion reactors, and is used in nuclear fuel particle coatings for high-temperature gas-cooled reactors. From: *Advanced Materials '93*, 1, 1994

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**S.e.saddow,
a.agarwal advances
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semiconductor in
research and early
mass production
providing advantages
for fast, high-
temperature and/or
high-voltage devices.
The first devices
available were
Schottky diodes,

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followed by junction-
gate FETs and
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power switching.
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thyristors are currently
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