A secondary (2°) alkyl carbocation is an alkyl carbocation in which the carbon atom bearing the formal charge of +1 is bonded to two carbon atoms.

eg:

\[
\begin{array}{c}
\text{CH}_3 \\
\text{H} \quad \text{C}^+ \\
\text{CH}_2\text{CH}_3
\end{array}
\]

See also primary alkyl carbocation and tertiary alkyl carbocation.

**Contributors**

- Gamini Gunawardena from the OChemPal site (Utah Valley University)