

Sawdust

DESCRIPTION

Particulate residue of wood production of roughly uniform size and shape. Most sawdust is green (i.e., not dried). “Wood flour” refers to processed sawdust of a uniform size than can pass through a 20-mesh screen.

CLASSIFICATION

Lignocellulosic biomass

SOURCE INDUSTRY

[Pulp & Paper industry roadmap](#), [Solid Wood Products industry roadmap](#)

ANNUAL VOLUME GENERATED IN WISCONSIN

Unknown

CURRENT APPLICATIONS

Fillers, smoking, absorbents, combustion, bedding, abrasives, aggregates, insulation, packaging

PRICE

\$14/ton (dry, undelivered)¹

APPLICABLE BIOREFINING PROCESSES

[Aerobic digestion/composting](#), [biomass gasification](#), [combustion](#), [fast pyrolysis](#), [fermentation of lignocellulosic biomass](#), [fiber composites manufacturing](#), [thermochemical liquefaction](#)

REFERENCES

¹ Barber, Richard. 2003. Biomass Byproduct GIS Database: Forest Industry Byproduct Survey and Modeling Results for Northwest Wisconsin, Northwest Regional Planning Commission, Ladysmith, WI.

www.focusonenergy.com/data/common/pageBuilderFiles/Biomass%20GIS%20Database%20Report.pdf (17 May 2004).

The Wisconsin Primary and Secondary Wood Using Industry Directories. University of Wisconsin-Madison. 2004. www.forest.wisc.edu/directories.htm (16 April 2004).