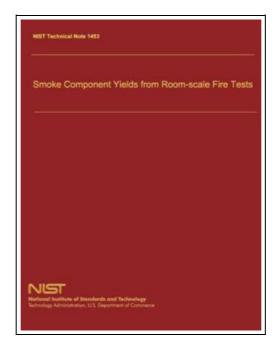
Smoke Component Yields from Room-Scale Fire Tests



Filesize: 2.86 MB

Reviews

Completely essential go through book. I actually have go through and i am sure that i am going to going to read yet again yet again later on. It is extremely difficult to leave it before concluding, once you begin to read the book.

(Edwardo Rohan III)

SMOKE COMPONENT YIELDS FROM ROOM-SCALE FIRE TESTS



Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English. Brand New Book ***** Print on Demand ******. This report presents the methodology for and results from a series of room-scale fire tests to produce data on the yields of toxic products in both pre-flashover and post-flashover fires. The combustibles examined were: a sofa made of upholstered cushions on a steel frame, particleboard bookcases with a laminated finish, polyvinyl chloride sheet, and household electric cable. They were burned in a room with a long adjacent corridor. The yields of CO2, CO, HCl, HCN, and carbonaceous soot were determined. Other toxicants (e.g., NO2, formaldehyde and acrolein) were not found; concentrations below the detection limits were shown to be of limited toxicological importance relative to the detected toxicants. The toxicant yields from sofa cushion fires in a closed room were similar to those from pre-flashover fires of the same cushions in a room with the door open. The uncertainties in the post-flashover data are smaller due to the higher species concentrations and the more fully established upper layer from which the fire effluent was sampled. The uncertainty values are comparable to those estimated for the fractional effective dose calculations used to determine the time available for escape from a fire. The uncertainty in the yield data from the sofa, bookcase, and cable tests is sufficiently small to determine whether a bench-scale apparatus is producing results that are similar to or different from the real-scale results here. The use of Fourier transform infrared (FTIR) spectroscopy was shown to be a useful tool for obtaining concentration data of toxicants. However, its operation and interpretation is far from routine. The losses of CO, HCN, and HCl as they flowed down the corridor were found to be dependent on the combustible. The...



Read Smoke Component Yields from Room-Scale Fire Tests Online Download PDF Smoke Component Yields from Room-Scale Fire Tests

Other PDFs



Kindergarten Culture in the Family and Kindergarten; A Complete Sketch of Froebel's System of Early Education, Adapted to American Institutions. for the Use of Mothers and Teachers

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English. Brand New Book *****
Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can download...

Save Document »



Ready to Race! (Blaze and the Monster Machines)

Random House Books for Young Readers, United States, 2015. Paperback. Book Condition: New. Kevin Kobasic (illustrator). 229 x 142 mm. Language: English . Brand New Book. Blaze and the Monster Machines is an all-new action...

Save Document »



Weebies Family Halloween Night English Language: English Language British Full Colour

 $Create space, United States, 2014. \ Paperback. \ Book Condition: New. \ 229 x 152 \ mm. \ Language: English. \ Brand New Book ***** Print on Demand ******. Children's Weebies Family Halloween Night Book 20 starts to teach Pre-School and...$

Save Document »



Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications.

Rarebooksclub.com, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book ***** Print on Demand *****. This historic book may have numerous typos and missing text. Purchasers can usually...

Save Document »



Games with Books: 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

Save Document »



Hitler's Exiles: Personal Stories of the Flight from Nazi Germany to America

New Press. Hardcover. Book Condition: New. 1565843940 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy-

Save Book »



Hope for Autism: 10 Practical Solutions to Everyday Challenges

Seaborough Enterprises Publishing, United States, 2015. Paperback. Book Condition: New. Initial ed.. 203 x 127 mm. Language: English . Brand New Book ***** Print on Demand ******. Hope for Autism: 10 Practical Solutions to Everyday

Save Book »



Summer Fit Preschool to Kindergarten Math, Reading, Writing, Language Arts Fitness, Nutrition and Values

Summer Fit Learning. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 10.6in. x 8.3in. x 0.5in.Summer Fit Activity Books move summer learning beyond academics to also prepare children physically and socially for the grade ahead.

Save Book »



Who Am I in the Lives of Children? an Introduction to Early Childhood Education, Enhanced Pearson Etext with Loose-Leaf Version -- Access Card Package

Pearson, United States, 2015. Book. Book Condition: New. 10th. 250 x 189 mm. Language: English . Brand New Book. NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies

Save Book »



Tales from Little Ness - Book One: Book 1

Lulu.com, United Kingdom, 2015. Paperback. Book Condition: New. 210 x 148 mm. Language: English . Brand New Book ***** Print on Demand *****. Two of a series of short Bedtime Stories for 3 to 5 year

Save Book »