

## **MVFRI Sponsored SAE Papers**

Digges, K., Stephenson, R., and Bedewi, P., "A Research Program in Crash-Induced Fire Safety," SAE Paper 2004-01-0475, March, 2004.

Fournier, E., Kot, J., Sullivan, D., "Assessment of Fuel System Safety Technology Use in 2003 Model Year Vehicles," SAE Paper 2005-01-1423, April 2005.

Gunderson, J., and DiMarzo, M., "Feasibility Study for a Under-hood Nitrogen Foam Fire Suppression System," SAE Paper 2005-01-1789, April 2005.

Tewarson , A., Quintiere , J., and Purser, D., "Fire Behavior of Materials in Vehicle Crash Fires and Survivability of the Passengers," SAE Paper 2005-01-1555, April 2005.

Tewarson , A., "Thermophysical and Fire Properties of Engine Compartment Fluids," SAE Paper 2005-01-1560, April 2005.

Griffith, J., Machado, C., Bendele, B., "Comparative Evaluation of Automotive Fuel Tanks in General Accordance with ECE R34.01, Annex 5 Section 5.0 "Resistance to Fire," SAE Paper 2005-01-1561, April 2005.

Griffith, L., Janssens, M., and Wilson, K., "Evaluation of Smoke Toxicity of Automotive Materials According to Standard Small-Scale Test Procedures," SAE Paper 2005-01-1558, April 2005.

Zalosh, R., Weyandt, N., "Hydrogen Fuel Tank Fire Exposure Burst Test," SAE Paper 2005-01-1886, April 2005.

Digges, K., Stephenson, R., and Bedewi, P., "Research Programs in Crash-Induced Fire Safety," SAE Paper 2005-01-1425, April, 2005.

Friedman, K., Holloway, E., and Kenny, T., "Impact Induced Fires: Statistical Analysis of FARS and State Data Files (1978-2001)," SAE Paper 2005-01-1421, April, 2005.

Fournier, E., and Bayne, T., "Flammability of Under Hood Insulation Materials," Biokinetics and Associates, Ltd. SAE Paper 2006-01-1011, April, 2006.

Lyon, R., and Walters, R., "Flammability of Automotive Plastics," SAE Paper 2006-01-1010, April 2006.

Digges K., and Stephenson, R., "Summary of Recent Research in Crash-Induced Vehicle Fire Safety," SAE Paper 2006-01-0551, April, 2006.

Friedman, K., Holloway, E., and Kenny, T., "Impact Induced Fires: Pickup Design Feature Analysis," SAE Paper 2006-01-0550, April, 2006.

Bahouth, G., "Post Crash Exterior Crush Patterns and Motor Vehicle Fire Occurrence," SAE Paper 2006-01-0789, April, 2006.

Weyandt, N., "Ignition of Underbody and Engine Compartment Hydrogen Releases," SAE Paper 2006-01-0127, April 2006.

Weyandt, N., "Comparative Abuse Testing of 36V and 12V Battery Designs," SAE Paper 2006-01-1274, April, 2006.

Shields, L., and Scheib, R., "Computer-Based Training in Vehicle Fire Investigation Part 1 : Ignition Sources," SAE Paper 2006-01-0547, April, 2006.

Shields, L., and Scheib, R., "Computer-Based Training in Vehicle Fire Investigation Part 2 :Fuel Sources," SAE Paper 2006-01-0548, April, 2006.

Wagner, R., "Development of a DC High-Arc Ignition Tester," SAE Paper 2007-01-1042, April 2007.

Bedewi, N., and Tarek, O., "Modeling of Automotive Fuel Tanks Using Smoothed Particle Hydrodynamics," SAE Paper 2007-01-0682, April 2007.

Janssens, M., "Development of a Database of Full-scale Calorimeter Tests of Motor Vehicles," SAE Paper 2007-01-1233, April, 2007.

Digges, K., and Kildare, S., "Fire Occurrence in Rollover Crashes Based on NASS/CDS," SAE Paper 2007-01-0875, April, 2007.

Fournier, E. and Bayne, T., "Underhood Temperature Measurements," SAE Paper 2007-01-1393, April 2007.

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