



U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation: EA08-003
 Prompted By: PE07-048
 Date Opened: 01/23/2008 Date Closed: 02/04/2009
 Principal Investigator: Stephen McHenry
 Subject: Sevas S-10 aftermarket wheel rims

Manufacturer: Sevas Wheels, Inc.
 Products: Sevas S-10 aftermarket wheels
 Population: 1,539

Problem Description: Wheel may fail and cause a loss of vehicle control. In addition, shrapnel from a failed wheel can puncture vehicle sheet metal and may cause secondary damage to other vehicle systems/components, including the fuel system.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	0	8	11
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
# Injuries:	0	0	0
Fatality Incidents:	0	0	0
# Fatalities:	0	0	0
Other*:	0	7	16

*Description of Other: Number of wheel rims that failed.

Action: This Engineering Analysis is closed. Recall 09E-022.

Engineer: Stephen McHenry *SMH*
 Div. Chief: Jeffrey Quandt
 Office Dir.: Kathleen C. DeMeter

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Summary: On January 29, 2009, Eurotrenz, parent company of Sevas wheels Inc., notified ODI that it would recall all Sevas S-10 wheel rims sold in the United States. The one piece cast aluminum S-10 wheel rim was manufactured for Sevas by Hubei International Trade, aka Fracing Wheels Co., of Wuhan, China. Metallurgical and impact testing performed by NHTSA's Vehicle Research and Testing Center (VRTC) revealed certain Sevas S-10 wheel rims were found to be below ASTM specifications for the designated composition material, resulting in a brittle condition. Certain S-10 wheels tested also failed impact testing conducted by the VRTC. These results were in contrast to similar cast aluminum aftermarket wheel rims which passed the same testing performed by the VRTC.

As a recall remedy Sevas will refund the purchase price or replace the S-10 wheel rim.

This Engineering Analysis has been closed.