

NAVISTAR, INC.		
Material, Parts, and Process Specifications (MPAPS)		NUMBER: MPAPS P-9544
		<i>Former Designation: TMS-9544</i>
TITLE: Flammability Certification of Interior Trim Materials And Components		CURRENT REV No.: 1608
		DATE: Aug. 2016
WRITTEN/EDITED BY: D. Baker	APPROVED BY: R. Goluch	SUPERSEDES: Rev. 1310 – October 2013
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<i>This specification may involve hazardous materials, equipment, and procedures. This specification does not purport to address all of the safety issues associated with its use. The user is responsible to consult appropriate safety and health practices and to determine the applicability of regulatory limits prior to use.</i>		

1.0 APPLICATION

This specification applies to those interior trim materials and components whose controlling material specifications reference this specification for certification to FMVSS 302 requirements and/or to the School Bus Seat Upholstery Fire Block Test as described in the latest version of the National School Transportation Specifications and Procedures publication.

2.0 SCOPE

This specification covers general and compliance requirements.

2.1 Restricted Chemical Substances

Effective January 1, 2007, all product supplied to the requirements of this specification must comply with the requirements of the MPAPS B-50 specification.

3.0 REFERENCE DOCUMENTS

Unless otherwise specified the latest issue of all referenced standards shall apply. The following Specifications, Standards, and Regulations are referenced in this specification.

SAE J369	MPAPS P-9543
CFR Title 49, Part 571 FMVSS 302	MPAPS B-50
National School Transportation Specifications and Procedures *	

***Available from:**

Missouri Safety Center, Central Missouri State University, Humphreys Suite 201
Warrenburg, MO 64093

4.0 GENERAL REQUIREMENTS

Other NAVISTAR specifications which refer to this specification include materials which must comply with FMVSS-302 or the School Bus Seat Fire Block Test. Those materials shall meet all requirements of Federal Motor Vehicle Safety Standard 302 - Flammability of Interior Materials, and all requirements of SAE J369 - Flammability of Polymeric Interior Materials; and the School Bus Seat Fire Block Test, and with the applicable codes of each state or province, as applicable.

4.1 The finished composite must conform to and be certified to meet all requirements of FMVSS-302. Parts of the assembly/composite which are not 100% bonded together shall be tested separately and each component must demonstrate required flammability resistance. Components of the composite which are 100% bonded together are not specifically required to demonstrate flammability resistance when tested

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separately as individual parts, however; the bonded composite must demonstrate the required flammability resistance.

4.2 Compliance Requirements

Supplier shall provide proof of compliance by submission of compliance test reports. The test report or the report cover letter shall follow the report format described in MPAPS P-9543. The report should be addressed to the Director of Body Engineering (see address below). A new compliance test report shall be generated for any significant manufacturing process or material changes. In addition to requirements set forth by FMVSS 302 and/or SAE J 369, and/or the School Bus Seat Fire Block Test, the report will include the following information:

4.2.1 Complete identification of materials tested

4.2.2 Test conditions

4.2.3 Test results, including burn rate, if applicable.

4.2.4 Copies of each Compliance Report shall be sent to the Quality Manager of each Navistar facility using the product, as well as the following:

Director - Body Engineering
Navistar, Inc.
2601 Navistar Dr.
Lisle, IL 60532

5.0 QUALITY (Not Applicable)

6.0 SOURCE APPROVAL AND QUALITY CONTROL (Not Applicable)

7.0 DESIGNATION ON DRAWINGS

New documents or drawings which reference this specification should indicate: Compliance to MPAPS P-9544 is required. This standard also is applicable for existing documents and drawings that reference TMS 9544.

8.0 TECHNICAL INFORMATION

For further information related to the technical content of this specification, contact:	Suppliers may purchase controlled copies of this specification by contacting:
Materials Engineering and Technology Dept. 10400 W. North Avenue Melrose Park, IL 60160 E-mail: MaterialsEngineering@Navistar.com	IHS Global Inc. 15 Inverness Way East Englewood CO 80112-5776 Phone: 1-800-854-7179 E-mail: Automotive@IHS.com Website: http://global.ihs.com

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