



# NATIONWIDE PLASTICS, INC.

The Authority on Plastics Manufacturing and Distribution

**SIMONA**  
AMERICA INC.

## SIMONA® VERSADUR® FRPP 550 Series

CEE-Safety Data Sheet

Rev. 07/2005

### SIMONA® VERSADUR® FRPP 550 Series

Identification of substance / preparation and company	Indications to the manufacturer: SIMONA AMERICA Inc. 64 N. Conahan Drive Hazleton, PA 18201 USA  Phone +1 866 501 2992 Fax +1 800 522 4857
Composition / Indications to components	Trade name: - SIMONA® VERSADUR® Flame Retardant PP - 550 Series Synonyms: - Homopolymer, flame retardant polypropylene  Chemical characteristics: polymer of propylene CAS-Registration-No.: NA Formula: NA
Possible dangers	This product is an "article" as defined in 29 C.F.R. Section 1910.1200. It will not result in exposure to hazardous chemicals under normal conditions of use.  Component: flame retardant polypropylene ACGIH TLV: NA OSHA PEL: NA Carcinogen status (NTP): No IARC monograph: No OSHA regulated: No
First-aid measures	General comment: Medical aid is not necessary Symptoms / effects: Not expected.  If symptoms persist, get medical attention. Never give anything by mouth to an unconscious person. Routes of exposure: none
Fire-fighting measures	Flashpoint: NA Flammable limits (STP in air): Lower limits: NA - Upper limits: NA Fire extinguishing media: CO <sub>2</sub> , foam, dry chemical, water spray or fog. Personal protection for fighting fire: Fire fighters must wear positive-pressure, self-contained breathing apparatus and full protective clothing. Hazard warning notice: Because static sparking can occur during handling, all flammable materials should be removed from the immediate vicinity.
Measures in case of unintended release	Person-related measures: none Environmental protection measures: NA Cleaning equipment: NA Unsuitable cleaning products: NA In case of spill: Shovel spilled material into suitable container. Do not contaminate soil, groundwater, or surface water Disposal method: Incinerate or use RCRA permitted landfill. Follow all federal, state, and local regulations

Page 1

Dallas, Texas (Corporate Offices)  
Houston, Texas  
Brandon, Mississippi

phone 800-782-1836 / 214-239-3870  
phone 800-282-4388 / 713-979-0660  
phone 800-457-8623 / 601-825-7919

fax 214-239-3871  
fax 713-979-0664  
fax 601-825-7109

[www.nationwideplastics.net](http://www.nationwideplastics.net)

January 1, 2007 - Version 3.0



# NATIONWIDE PLASTICS, INC.

The Authority on Plastics Manufacturing and Distribution

**SIMONA**  
AMERICA INC.

## Flame Retardant PP - 550 Series

Limitation of exposition	<p>Special design of techn. processing facilities: not required Tolerance levels: none Exposure measurement procedures: none</p> <p><b>Special protection information:</b> Ventilation: Processing which generates vapors, dust or fumes should only be performed with adequate ventilation. Respiratory protection: If necessary, use NIOSH-approved, chemical cartridge respirator. Protective clothing: Use heavy cotton or insulated gloves to handle hot plastics.</p>
Physical and chemical characteristics	<p><u>Phenotype</u> Color: white Appearance: semi-finished product, white Smell: not applicable</p> <p><u>Change of state</u> Crystalline melting range: 162 - 168 °C</p> <p><u>Other remarks</u> Density: 0.91 g/cm<sup>3</sup></p>
Stability and reactivity	<p>Stability (normal conditions): Stable Thermal decomposition: above appr. 572 °F / 300 °C Dangerous decomposition products: Burning in an open flame may yield toxic combustion products. Burning will also emit dense black smoke. No heavy metals.</p> <p>Note: Generates heavy smoke of carbon monoxide and acidic gases during fire. Hazardous decomposition: CO, CO<sub>2</sub>, hydrocarbons, halogens and acidic gases</p> <p>Use of stabilisers: NA Exothermic reactions: NA Notices regarding state of aggregation: NA Conditions to be avoided: NA Substances/media to be avoided: Contact with alkali, acids and solvents HMIS ratings (scale 0-4): health = 0, flammability = 1, reactivity = 0</p>
Toxic indications	<p>During several years of usage no effects being harmful for the health were observed. Toxicity: No health effects expected under normal conditions of use.</p>
Ecological indications	<p>No biodegradation, no solubility in water, no effects being harmful to the environment must be expected. Mobility: NA Accumulation: NA Eco-toxicity: NA</p>
Waste-disposal indications	<p>In case of spill: Shovel spilled material into suitable container. Do not contaminate soil, groundwater, or surface water Dispose of waste materials in accordance with federal, state, and local regulations.</p>
Transport indications	<p>No dangerous product in respect to / according to transport regulations Notice/symbol transport containers: none Special marking for containers: none Proper shipping name: not regulated Since empty containers retain product residue, follow hazard precautions even after container is emptied.</p>
Instructions	<p>Water danger class: class 0 (self classification) Domestic requirements to be observed: none</p>

Page 2

Dallas, Texas (Corporate Offices)  
Houston, Texas  
Brandon, Mississippi

phone 800-782-1836 / 214-239-3870  
phone 800-282-4388 / 713-979-0660  
phone 800-457-8623 / 601-825-7919

fax 214-239-3871  
fax 713-979-0664  
fax 601-825-7109

[www.nationwideplastics.net](http://www.nationwideplastics.net)

January 1, 2007 - Version 3.0



# NATIONWIDE PLASTICS, INC.

*The Authority on Plastics Manufacturing and Distribution*

## Flame Retardant PP - 550 Series

**SIMONA**  
AMERICA INC.

### Further indications

This information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best of SIMONA AMERICA Inc.'s knowledge or obtained from sources believed by SIMONA AMERICA Inc. to be accurate and SIMONA AMERICA Inc. does not assume any legal responsibility for use or reliance upon same. Customers are encouraged to conduct their own tests. Before using any product read its label.

---

Page 3

Dallas, Texas (Corporate Offices)  
Houston, Texas  
Brandon, Mississippi

phone 800-782-1836 / 214-239-3870  
phone 800-282-4388 / 713-979-0660  
phone 800-457-8623 / 601-825-7919

fax 214-239-3871  
fax 713-979-0664  
fax 601-825-7109

[www.nationwideplastics.net](http://www.nationwideplastics.net)

January 1, 2007 - Version 3.0