



NATIONWIDE PLASTICS, INC.

The Authority on Plastics Manufacturing and Distribution

SIMONA
AMERICA INC.

SIMONA® VERSADUR® PP-H 500 Series

CEE-Safety Data Sheet

Rev. 07/2005

SIMONA® VERSADUR® PP-H 500 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® Homopolymer PP - 500 Series Synonyms: - Homopolymer 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: Homopolymer 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 ₂ , 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

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Handling and storage	Handling: No special regulations must be observed Storage: Unlimited good storage property Ventilation: NA Respiratory protection: NA Protective clothing: NA Eye protection: Use safety glasses with side shields. There are not any special handling or storage requirements for this product.
Limitation of exposition	Special design of techn. processing facilities: not required Tolerance levels: none Exposure measurement procedures: none Special protection information: 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.
Physical and chemical characteristics	<u>Phenotype</u> Color: natural Appearance: semi-finished product, natural Smell: not applicable <u>Change of state</u> Crystalline melting range: 160 - 165 °C <u>Other remarks</u> Density: 0.91 g/cm ³
Stability and reactivity	Stability (normal conditions): Stable Thermal decomposition: above appr. 572 °F / 300 °C Dangerous decomposition products: Burning in an open flame may yield toxic hydrogen chloride gas and metal oxides. Burning will also emit dense black smoke. No heavy metals. Use of stabilisers: none Exothermic reactions: none Notices regarding state of aggregation: none Conditions to be avoided: none Substances/media to be avoided: none HMIS ratings (scale 0-4): health = 0, flammability = 1, reactivity = 0
Toxic indications	During several years of usage no effects being harmful for the health were observed. Toxicity: No health effects expected under normal conditions of use.
Ecological indications	No biodegradation, no solubility in water, no effects being harmful to the environment must be expected. Mobility: NA Accumulation: NA Eco-toxicity: NA
Waste-disposal indications	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.
Transport indications	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.

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Instructions	Water danger class: class 0 (self classification) Domestic requirements to be observed: none
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.

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