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# MATERIAL SAFETY DATA SHEET

9600-01 9601-06  
9602-06 7402-10  
9607-04 7389-10  
9605-06 9604-10

Manufactured by:  
**Sage Products Inc.**  
815 Tek Drive  
Crystal Lake, IL 60039

Telephone:  
Product Info 815 455 4700  
Technical Info 815 455 4700  
Chemtrec 800 424 9300

## 1 PRODUCT IDENTIFICATION

**Product Types:** Molded Plastic Products (from Polypropylene Resin)

**Sage Finished**

**Product Numbers:** 1509, 1521, 1522, 1525, 2500, 8150, 8508, 8509, 8525, 8526, 8533, 8534, 8536, 8537, 8559, 8801, 8802, 8900, 8901, 8902, 8905, 8906, 8908, 8910, 8920, 8931, 8932, 8933, 8934, 8935, 8936, 8938, 8939, 8950, 8969, 8970, 8972, 8979, 8982, 8985, 8989, 8990, 8991, 8995, 8996, 8998, 9910, 9915, 9920, 9925, 9930, 9940, 9945, 9950, 1522-AC, 1522MEX, 2500-B, 2501-MW, 8501-OMEX, 8501-1, 8501MEX, 8502-0-1, 8502-1, 8502-Y, 8503-0-1, 8503-OMEX, 8503-1, 8507-AC, 8508-MW, 8508-MWB, 8508-Y, 8508-YB, 8508B, 8509-AC, 8510-0-1, 8510-1, 8510-X, 8511-0-1, 8511-OMEX, 8511MEX, 8512-0-1, 8512-0-Y, 8512-1, 8512-AC, 8512-X, 8512-Y, 8513-0-1, 8513-OMEX, 8513-OMW, 8513-1, 8513-AC, 8513-X, 8516-08, 8516-09, 8520-0-1, 8520-1, 8521-0-1, 8521-1, 8521MEX, 8537-MW, 8537-Y, 8556-AT, 8556-D, 8556-GM, 8556-GMR, 8556-GMT, 8556-H, 8556-HC, 8556-HS, 8556-HT, 8900-AC, 8900-MW, 8934B, 8935-Y, 8935B, 8936B, 8938-D, 8938-Y, 8938A, 8938B, 8939B, 8965-0-1, 8965-1, 8965-MW, 8965MEX, 8966-0-1, 8966-1, 8970-AC, 8979-MW, 8980-MW, 8980-S, 8980-SB\*A, 8980-Y, 8982-W, 8982YMEX, 8985-MW, 8985-S, 8985-W, 8985MEX, 8989-W, 8989-YB, 8989B, 8990-L, 8991-Y, 8991B, 8991MEX, 8997-S, 8998-S, 8998-SA, 8998-SB, 8998-Y, 8998B, CT4030, CT4104, V8512, V8536, V8900, V8970, V8980B\*A, V8985

**Reference:** OVA8430ZR/RM090

**Chemical Family:** Polyolefin

**Chemical Name:** Polypropylene Copolymer; PP

**Chemical Formula:** CH<sub>3</sub> - (CH<sub>2</sub> - CH(CH<sub>3</sub>))<sub>n</sub> - (CH<sub>2</sub>-CH<sub>2</sub>)<sub>x</sub> - CH<sub>3</sub>

**Chemical Hazard Rating:** Health 0  
Fire 1  
Reactivity 0

## 2 HAZARDOUS INGREDIENTS / REPORTED HEALTH EFFECTS

Polymer: Not a hazardous material.

Colorant: Refer to specific MSDS of the colorant.

### 3 PHYSICAL DATA

Boiling Point: Not Applicable                      **Specific Gravity:** 0.89 to 0.91  
Solubility in Water: Insoluble                      **Evaporation Rate:** Not Applicable  
Vapor Pressure: Not Applicable                      **pH =** Not Applicable  
Vapor Density: Not Applicable  
Appearance & Odor: Various shapes, colors and sizes; odorless.

### 4 FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** Not Applicable  
**EXTINGUISHING MEDIA:** Water spray, dry chemical foam or carbon dioxide.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Fire fighters should wear self-contained breathing apparatus with a full face piece when exposure to smoke, fumes or hazardous decomposition products. The application of high velocity water will spread the burning surface layer.

### 5 REACTIVITY DATA

**Hazardous Polymerization:** Not Applicable  
**Conditions to Avoid:** May burn or react violently with fluorine/oxygen mixtures with 50 to 100% fluorine. May be decomposed by strong oxidizing agents such as nitric and sulfuric acids, halogens, hydrogen peroxide and chlorinating agents.  
**Decomposition Products:** Thermal decomposition products may include, but are not limited to, carbon, oxides of carbon, water, organic vapors, and fumes.

### 6 HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES: No identified health hazard when used as intended.

### 7 SPILL OR LEAK PROCEDURES

RECOMMENDED STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED.

Spills: None.

Waste Disposal Method: Transfer to an approved disposal area in accordance with Federal, State and local regulations.

## 8 SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not Required  
Local Exhaust Not Required for Normal Use  
Eye Protection: Not Required  
Other Protective Equipment: None

## 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: None  
OTHER PRECAUTIONS: None

## 10 PREPARATION OF MSDS

Prepared by Safety Department Date: October 22, 1996  
This data was prepared from current, reliable sources, however, Sage Products Inc. makes no warranty regarding its accuracy. Because of conditions beyond our control, it is the user's responsibility to determine safe conditions for usage.

*Sage*  
**MATERIAL SAFETY DATA SHEET**

9602-06  
9603-04

Manufactured for:  
**Sage Products Inc.**  
815 Tek Drive  
Crystal Lake, IL 60039

Telephone:  
Product Info 815 455 4700  
Technical Info 815 455 4700  
Chemtrec 800 424 9300

**1 PRODUCT IDENTIFICATION**

Product Name: RM035

Product Numbers: 1522, 1525, 2000, 2040, 2110, 8525, 8526, 8527, 8535, 8920, 8933, 8950, 8969, 8970, 8972, 8979, 8980, 8991, 9100, 9915, 9920, 9935, 9945, 1522-AC, 1522MEX, 8525-Y, 8527-R, 8535MEX, 8970-AC, 8970-Y, 8979-C, 8979-MW, 8980-CB\*A, 8980-MW, 8980-Y, 8980-Y\*A, 8991-Y, 8991B, 8991MEX, V8970, V8980, V8980B\*A

Chemical Family: Petrothene

Chemical Name: Polypropylene Copolymer

Chemical Formula:  $\text{CH}_3 - (\text{CH}_2 - \text{CH}(\text{CH}_3)_n - \text{CH}_3$

Chemical Hazard Rating: Health 0  
Fire 1  
Reactivity 0

**2 HAZARDOUS INGREDIENTS / REPORTED HEALTH EFFECTS**

This products is not a hazardous chemical.

**3 PHYSICAL DATA**

Boiling Point: Not Applicable      Specific Gravity: 0.89 to 0.91

Solubility in Water: Insoluble      Evaporation Rate: Not Applicable

Vapor Pressure: Not Applicable      pH = Not Applicable

Vapor Density: Not Applicable

Appearance & Odor: Small, white, plastic funnel

**4 FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Water spray, dry chemical foam or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus with a full facepiece when exposure to smoke, fumes or hazardous decomposition products.

## 5 REACTIVITY DATA

**Hazardous Polymerization:** Not Applicable

**Conditions to Avoid:** May burn or react violently with fluorine/oxygen mixtures with 50 to 100% fluorine.

**Decomposition Products:** May be decomposed by strong oxidizing agents such as nitric and sulfuric acids, halogens, hydrogen peroxide and chlorinating products.

## 6 HEALTH HAZARD DATA

### EMERGENCY AND FIRST AID PROCEDURES:

**Eyes:** Immediately flush eyes with plenty of cool water for at least 15 minutes. Do not rub eyes.

**Skin :** If contacted with hot plastic, immediately flush area with large amounts of water. Get medical attention.

**Inhalation :** Remove victim to fresh air. If person has stopped breathing, give artificial respiration. Get medical attention.

**Ingestion :** Not harmful by swallowing.

## 7 SPILL OR LEAK PROCEDURES

RECOMMENDED STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED.

**Spills:** Use good housekeeping practices since may be a slipping hazard.

**Waste Disposal Method:** Transfer to an approved disposal area in accordance with Federal, State and local regulations.

## 8 SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not Required

**Local Exhaust** Not Required for Normal Use

**Eye Protection:** Not Required

**Other Protective Equipment:** None

## 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECAUTIONS:

## 10 PREPARATION OF MSDS

Prepared by Safety Department

Date: October 22, 1996

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*Sage*  
**MATERIAL SAFETY DATA SHEET**

9607-04

<b>Manufactured for:</b> Sage Products Inc. 815 Tek Drive Crystal Lake, IL 60039	<b>Manufactured by:</b> Norton Performance Plastics One Sealants Park Granville, NY 12832	<b>Telephone:</b> Product Info 815 455 4700 Technical Info 518 642 2200 Chemtrec 800 424 9300
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### 1 PRODUCT IDENTIFICATION

**Product Name:** Norséal V790, V4200 - Foam Seal

**Product Number(s):** 8931, 8932, 8934, 8936, 8939, 8985, 8989, 8995, 8997, 8998, 9940, 9950, 8934B, 8936B, 8939B, 8985-MW, 8985-S, 8985-W, 8985-Y\*A, 8985B\*A, 8985MEX, 8989-W, 8989-YB, 8989B, 8997-S, 8997B\*A, 8998-S, 8998-SA, 8998-SB, 8998-Y, 8998B, CT4030, V8985, V8985B\*A

**Chemical Family:** Urethane

**Chemical Name:** Polyurethane

**Chemical Hazard Rating:** Health 0  
Fire 0  
Reactivity 0

### 2 HAZARDOUS INGREDIENTS / REPORTED HEALTH EFFECTS

Exempt from regulation because foam is an "article" that does not release or otherwise result in exposure to a hazardous chemical under normal use.

### 3 PHYSICAL DATA

<b>Boiling Point:</b> N/A	<b>Specific Gravity:</b> N/A
<b>Solubility in Water:</b> Insoluble	<b>Evaporation Rate:</b> N/A
<b>Vapor Pressure:</b> N/A	<b>pH =</b> N/A
<b>Vapor Density:</b> N/A	
<b>Appearance &amp; Odor:</b> Soft Solid Foam	

### 4 FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N/A  
**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>, or Dry Chemicals  
**SPECIAL FIRE FIGHTING PROCEDURES:** Self-Contained Breathing Apparatus

## 5 REACTIVITY DATA

Stability: N/A

Hazardous Polymerization: CO and HC1

Conditions to Avoid: N/A

Incompatibility (Materials to avoid): N/A

Hazardous Decomposition Products: Thermal decomposition could produce CO, CO<sub>2</sub>, Oxides of Nitrogen.

## 6 HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: N/A

Skin : N/A

Inhalation : N/A

Ingestion : N/A

## 7 SPILL OR LEAK PROCEDURES

IT IS MANDATORY TO KNOW AND FOLLOW YOUR LOCAL, STATE AND FEDERAL REGULATIONS ON THE PROPER HANDLING AND DISPOSAL OF THIS MATERIAL.

RECOMMENDED STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED.

Waste Disposal Method: Landfill

Small Spills: N/A

Large Spills: N/A

## 8 SPECIAL PROTECTION INFORMATION

Respiratory Protection: None

Local Exhaust N/A

Eye Protection: None

Other Protective Equipment: N/A

## 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING (SEE ALSO SECTIONS 4 & 7): None, store under 110°F for best performance.

## 10 PREPARATION OF MSDS

Prepared by Safety Department

Date: October 22, 1996

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*Sage*  
**MATERIAL SAFETY DATA SHEET**

9607-04  
9605-06

Manufactured for:  
**Sage Products Inc.**  
815 Tek Drive  
Crystal Lake, IL 60039

Manufactured by:  
National Nonwovens  
P.O. Box 150  
Easthampton, MA 01027

Telephone:  
Product Info 815 455 4700  
Tech Info 800 333 3469  
Emergency 800 424 9300

## 1 PRODUCT IDENTIFICATION

Product Name: **SUPER ABSORBENT SPONGES (Cotton Linter Pulp)**  
8931, 8934, 8936, 8939, 8985, 8989, 8982, 8982-W, 8982YMEX,  
8995, 9940, 9950, 8934B, 8936B, 8939B, 8985-MW, 8985-S, 8985-W,  
8985-Y\*A, 8985B\*A, 8985MEX, 8989-W, 8989-YB, 8989B, 8997-S,  
CT4030, CT4104, V8985, V8985B\*A

Chemical Hazard Rating: Health 0  
Fire 0  
Reactivity 0

## 2 HAZARDOUS INGREDIENTS / REPORTED HEALTH EFFECTS

HAZARDOUS MATERIALS: 0%  
CAS NUMBER: None

## 3 PHYSICAL DATA

Physical State: Needlepunched Nonwoven PH: N/A  
Specific Gravity: 1.4 - 1.5  
Appearance & Odor: White - Odorless.

## 4 FIRE AND EXPLOSION HAZARD DATA

CONDITIONS OF FLAMMABILITY: Will burn. Do not expose to extreme heat or open flame.  
MEANS OF EXTINCTION: Water, dry chemical, water spray.  
AUTO IGNITION TEMPERATURE: 275-500°F  
HAZARDOUS COMBUSTION PRODUCTS: Carbon monoxide, carbon dioxide, smoke.

## 5 REACTIVITY DATA

INSTABILITY: N/A

Incompatibilities: N/A  
(Materials to Avoid)

Conditions of Reactivity: N/A

Decomposition Products: Combustion will release CO, CO<sub>2</sub>, plus unidentified gases

## 6 HEALTH HAZARD DATA

EFFECTS OF ACUTE EXPOSURE TO PRODUCT:

Skin Contact: N/A  
Eye Contact: N/A  
Skin Absorption: N/A  
Inhalation: N/A  
Ingestion: N/A

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT:

Exposure Limits: N/A  
Irritancy of Product: N/A  
Sensitization to Product: N/A  
Carcinogenicity: N/A  
Teratogenicity: N/A  
Reproductive Toxicity: N/A  
Mutagenicity: N/A  
Synergistic Products: N/A

## 7 SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Procedures: N/A  
Waste Disposal Method: Recycle, landfill.

## 8 SPECIAL PROTECTION INFORMATION

Respiratory Protection: None.  
Protective Gloves: None.  
Eye Protection: None.  
Other Protective Equipment: None.

## 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: No smoking or welding in storage area, store separate from flammable chemicals, ensure adequate sprinkler protection, avoid over stacking which could cause bales to fall.

## 10 PREPARATION OF MSDS

Prepared by Safety Department

Date: October 22, 1996

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*Unize*  
**MATERIAL SAFETY DATA SHEET**

9605-06  
9607-04

**Manufactured for:**  
Sage Products Inc.  
815 Tek Drive  
Crystal Lake, IL 60039

**Manufactured by:**  
Polymer Color  
1515 Miller Parkway  
McHenry, IL 60051

**Telephone:**  
Product Info 815 455 4700  
Technical Info 815 363 0025  
Chemtrec 800 424 9300

### 1 PRODUCT IDENTIFICATION

**Product Name:** Yellow, YPC-3159-b Color Component  
**Product Number(s):** 8905, 8906, 8931, 8934, 8982, 8985, 9940, 8935-Y, 8980-Y, 8982YMEX, 8985-S, 8990-L, CT4030, CT4104, V8985  
**Chemical Family:** Mixture  
**Chemical Formula:** Proprietary  
**Chemical Hazard Rating:** Health 0  
Fire 1  
Reactivity 0

### 2 HAZARDOUS INGREDIENTS / REPORTED HEALTH EFFECTS

Hazardous Components	CAS Number	OSHA PEL	Occupation Exposure Limits	TWA	Weight Percent
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This product does not contain any chemicals subject to the reporting requirements of SARA Title III, Section 313, and of 40 CFR Part 372.

This material does not contain any ingredients listed under Proposition 65 for the State of California known to cause cancer or reproductive toxicity.

### 3 PHYSICAL DATA

**Boiling Point:** No data. **Specific Gravity:** Not determined.  
**Solubility in Water:** Negligible. **Evaporation Rate:** N/A  
**Vapor Pressure:** N/A **pH =** N/A  
**Vapor Density:** N/A  
**Appearance & Odor:** Various colors, with odors typically associated with thermoplastics.

#### 4 FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200°F  
EXTINGUISHING MEDIA: Foam, CO2, dry chemical, water fog.  
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective clothing.

#### 5 REACTIVITY DATA

Stability: Stable.  
Hazardous Polymerization: Will not occur.  
Conditions to Avoid: None known.  
Incompatibility (Materials to avoid): None known.  
Hazardous Decomposition Products: May produce carbon monoxide and/or carbon dioxide, and other hazardous components. Persons exposed to combustion products should wear self-contained breathing apparatus.

#### 6 HEALTH HAZARD DATA

EMERGENCY AND FIRST AID PROCEDURES:

Eyes: Flush with water for 15 minutes. Seek medical attention.

Skin : Wash with mild soap and water. Seek medical help if necessary.

Inhalation : No data.

Ingestion : Call a physician.

#### 7 SPILL OR LEAK PROCEDURES

IT IS MANDATORY TO KNOW AND FOLLOW YOUR LOCAL, STATE AND FEDERAL REGULATIONS ON THE PROPER HANDLING AND DISPOSAL OF THIS MATERIAL.

RECOMMENDED STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED.

**Waste Disposal Method:** Refer to Federal, State, and Local regulations for proper method of disposal.

**Small Spills:** Contain spill, soak up with inert absorbent and place in proper container for disposal in accordance with all Federal, State and Local regulations.

**Large Spills:** Same as small spills.

## 8 SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Normally not required, but a dust mask approved by NIOSH may be used if dust is encountered.

**Local Exhaust** Provide sufficient ventilation to minimize exposure.

**Eye Protection:** Safety glasses/goggles with side shields.

**Other Protective Equipment:** N/A

## 9 SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING (SEE ALSO SECTIONS 4 & 7):

Store in cold, dry place, away from heat and open flame.

## 10 PREPARATION OF MSDS

Prepared by Safety Department Date: October 22, 1996  
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