

MATERIAL SAFETY DATA SHEET

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

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

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: QVA8430ZR/RM090

Chemical Family: Polyolefin

Chemical Name: Polypropylene Copolymer; PP

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

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

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, CO2, 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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Unge
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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Urge
MATERIAL SAFETY DATA SHEET

9605-06

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, YCC-5533 Color Component
Product Number(s): 8982, 8982-W, 8982YMEX, 8990-L, 8990-Y, CT4104
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
Chromium compounds* (Trivalent)	7440-47-3	0.50 mg/M ³		0.50 mg/M ³	<1%

This product contains chromium compounds (chromium oxide). These chemicals are subject to the reporting requirements of SARA Title 111, Section 313, and of 40 CFR Part 372.

* Metal content or chemical weight percent in the product. CAS number of the parent metal is indicated

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

<u>Stability:</u>	Stable.
<u>Hazardous Polymerization:</u>	Will not occur.
<u>Conditions to Avoid:</u>	None known.
<u>Incompatibility (Materials to avoid):</u>	None known.
<u>Hazardous Decomposition Products:</u>	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.

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Local Exhaust Provide sufficient ventilation to minimize exposure.

Eye Protection: Safety glasses/goggles with side shields.

Other Protective Equipment: N/A

9 SPECIAL PRECAUTIONS

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