

Material Safety Data Sheet

11/21/01

PRODUCT IDENTITY: #3500 MS Clear Coat

Section I – Manufacturer Information

Manufacturer Name: Southern Polyurethanes, Inc.
Address: 2289 Arbor Hill Rd.
Canton, GA 30115
Emergency Telephone CHREMTREC 1-800-424-9300
Telephone for information 770 720-6986

NFPA Ratings

Health	2
Flammability	3
Reactivity	0
Personal	
Protection	G

Section II-Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name)

	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt %</u>
MAK	110-43-0	100 ppm	50 ppm	1/3
NBA	123-86-4	150 ppm	150 ppm	10/20
OXSOL 100	98-56-6	100 ppm	100 ppm	1/5
ACETONE	67-64-1	750 ppm	750 ppm	1/5
PMA	108-65-6	Not est.	Not est.	10/20

* SARA 313 listed chemical

DOT SHIPPING: FLAMMABLE LIQUID;PAINT RELATED MATERIAL

Section III-Physical/Chemical Characteristics

Boiling Point: 172°F Specific Gravity (H2O = 1):0.96 Vapor Pressure mm Hg @ 70F: 76mmHg
Vapor Density (Air = 1): Heavier than Air Evaporation Rate:(butyl acetate = 1) >1 V.O.C. 4.5 #/gal
Appearance and Odor: Water white Liquid, Solvent Odor V.O.C. less exempt solvents 3.6 #/gal

Section IV-Fire and Explosion Hazard Data

Flash Point (Method Used): 24°F (TCC) Flammable Limits: LEL 1.0 UEL 13.1

Extinguishing Media

Class B extinguisher, Carbon Dioxide, Dry Chemical, Foam Special Fire Fighting Procedures

Water spray can be used to cool containers exposed to fire. Clear area of unprotected personnel. Fire fighters are to wear self-contained breathing apparatus and proper protection gear. Keep containers closed tightly. Isolate from heat, sparks, and open flames.

Unusual Fire and Explosion Hazards

Closed containers may explode when exposed to extreme heat.

Section V- Reactivity Data

Stability – Unstable: Conditions to Avoid: Sources of ignition

Stable: Yes

Incompatibility (Materials to Avoid): Strong Oxidizers

Hazardous Decomposition products: Carbon monoxide, Carbon dioxide, and Oxides of nitrogen

Hazardous Polymerization: Will not occur

Section VI- Health Hazard Data

Routes of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long-term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Signs and Symptoms of Exposure: Inhalation - difficulty in breathing; Skin – redness; Ingestion - vomiting

Medical Conditions Generally Aggravated by Exposure: Heart Disease; respiratory disorders.

Emergency and First Aid Procedures:

If overcome by vapors give oxygen. Do not induce vomiting. Wash eyes with large quantities of water.
Wash skin with soap and water.

Carcinogenicity NTP? No IARC Monographs? No OSHA? No

Section VII - Precautions for Safe handling and Use

Steps to be taken in Case Material is Released or Spilled- -Eliminate all sources. Scrape up with NONSPARKING tools. Remove outside area away from ignition sources. FLASHBACK POSSIBLE.

Waste Disposal Method--

Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be taken in Handling and Storing- Keep away from heat, sparks or open flame. Store at temperatures below 120F

Other Precautions - -

Excessive skin contact may defat skin causing dermatitis.

Respiratory Protection (Specify Type):

Self contained breathing apparatus if above TLV limit exceeding.

Ventilation Local Exhaust:

YES Mechanical (General)

Protective Gloves: Neoprene, Viton

Eye Protection: Wear eye protection.

Other Protective Clothing or Equipment: Full paint suit and full face fresh air supplied system

Work/Hygienic Practices: Do not smoke while using. Wash your hands after every use. Avoid unnecessary exposure and removal of the material from skin and clothing.

* SARA

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act (SARA) of 1996 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Data Safety Sheet. This statement must not be detached. Any copy or redistribution of this Material Data Safety Sheet shall include this statement.

Material Safety Data Sheet

11/21/01

PRODUCT IDENTITY: #3502 Normal MS Clear Coat Activator

Section I – Manufacturer Information

Manufacturer Name: Southern Polyurethanes, Inc.
Address: 2289 Arbor Hill Rd.
Canton, GA 30115
Emergency Telephone CHREMTREC-1-800-424-9300
Telephone for information 770 720-6986

NFPA Ratings

Health	2
Flammability	3
Reactivity	0
Personal	
Protection	G

Section II-Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name)

	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt %</u>
BUTYL ACETATE	123-86-4	150 ppm	150 ppm	15/20
LIGHT AROMATIC NAPHTHA	64742-95-6	100 ppm	100 ppm	5/10
METHOXY-2-ACETOXYPROPANE	108-65-6	Not est.	Not est.	30/35
HEXAMETHYLENE DIISOCYANATE	822-06-0	Not est.	0.005 ppm	<0.1
ISOPHRONE DIISOCYANATE	4098-71-9	0.005 ppm	0.005 ppm	<0.1

* SARA 313 listed chemical

DOT SHIPPING: FLAMMABLE LIQUID; PAINT RELATED MATERIAL

Section III-Physical/Chemical Characteristics

Boiling Point: 248°F Specific Gravity (H₂O = 1): 1.02 Vapor pressure (mmHg @ 70°F): 7.8 mmHg
Vapor Density (Air = 1): Heavier than Air Evaporation Rate:(butyl acetate = 1) >1 V.O.C.: 4.5 #/gal
Appearance and Odor: Water white Liquid, Solvent Odor V.O.C. less exempt solvents: 4.5 #/gal

Section IV-Fire and Explosion Hazard Data

Flash Point (Method Used): 76°F (TCC) Flammable Limits: LEL 1.7 UEL 7.6

Extinguishing Media

Class B extinguisher, Carbon Dioxide, Dry Chemical, Foam Special Fire Fighting Procedures

Water spray can be used to cool containers exposed to fire. Clear area of unprotected personnel. Fire fighters are to wear self-contained breathing apparatus and proper protection gear. Keep containers closed tightly. Isolate from heat, sparks, and open flames.

Unusual Fire and Explosion Hazards

Closed containers may explode when exposed to extreme heat.

Section V- Reactivity Data

Stability – Unstable: Conditions to Avoid: Sources of ignition

Stable: Yes

Incompatibility (Materials to Avoid): Strong Oxidizers

Hazardous Decomposition products: Carbon monoxide, Carbon dioxide, and Oxides of nitrogen

Hazardous Polymerization: Will not occur

Section VI- Health Hazard Data

Routes of Entry: Inhalation? Yes Skin? Yes Ingestion? Yes

Health Hazards (Acute and Chronic)

May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long-term exposure (years) vapor may cause lung, liver or kidney damage. The solvents listed have been reported to affect the central nervous system. Signs and Symptoms of Exposure: Inhalation - difficulty in breathing; Skin – redness; Ingestion - vomiting
Medical Conditions Generally Aggravated by Exposure: Heart Disease; respiratory disorders.

Emergency and First Aid Procedures:

If overcome by vapors give oxygen. Do not induce vomiting. Wash eyes with large quantities of water.
Wash skin with soap and water.

Carcinogenicity NTP? No IARC Monographs? No OSHA? No

Section VII - Precautions for Safe handling and Use

Steps to be taken in Case Material is Released or Spilled- -Eliminate all sources. Scrape up with NONSPARKING tools. Remove outside area away from ignition sources. FLASHBACK POSSIBLE.

Waste Disposal Method--

Dispose as hazardous waste in accordance with EPA RCRA.

Precautions to be taken in Handling and Storing- Keep away from heat, sparks or open flame. Store at temperatures below 120F

Other Precautions - -

Excessive skin contact may defat skin causing dermatitis.

Respiratory Protection (Specify Type):

Self contained breathing apparatus if above TLV limit exceeding.

Ventilation Local Exhaust:

YES Mechanical (General)

Protective Gloves: Neoprene, Viton

Eye Protection: Wear eye protection.

Other Protective Clothing or Equipment: N/A

Work/Hygienic Practices: Do not smoke while using. Wash your hands after every use. Avoid unnecessary exposure and removal of the material from skin and clothing.

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All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Super Fund Amendments and Reauthorization Act (SARA) of 1996 and 40 CFR Part 372. You must notify each person to whom this mixture or trade name product is sold. This statement must remain a part of this Material Data Safety Sheet. This statement must not be detached. Any copy or redistribution of this Material Data Safety Sheet shall include this statement.