

Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M(TM) Ultrapro(TM) MSP Seam Sealer - Gray, P.N. 08309, 08365, 08366, 08370

MANUFACTURER: 3M

DIVISION: Automotive Aftermarket

ADDRESS: 3M Center

St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

Issue Date: 03/16/2007 **Supercedes Date:** 11/09/2006

Document Group: 07-3667-8

Product Use:

Intended Use: Seam Sealer Specific Use: Seam Sealer

SECTION 2: INGREDIENTS

<u>Ingredient</u>	C.A.S. No.	<u>% by Wt</u>
Limestone	1317-65-3	30 - 60
Calcium Carbonate	471-34-1	15 - 40
Silyl Terminated Polyether NJ Trade Secret Registry No. 04499600-6009P	Trade Secret	10 - 30
Plasticizer - NJ Trade Secret Registry No. 04499600-5988P	Trade Secret	7 - 13
Naphthol Spirits	64742-48-9	1 - 5
Diisodecyl Phthalate	68515-49-1	1 - 5
Stearic Acid	57-11-4	1 - 5
(TRIMETHOXYSILYLPROPYL)ETHYLENEDIAMINE	1760-24-3	< 1
1-Methyl-2-Pyrrolidinone	872-50-4	< 0.6
BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) SEBACATE	52829-07-9	< 0.2

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Specific Physical Form: Viscous MITS data **Odor, Color, Grade:** Thick gray creamy paste

General Physical Form: Solid

Immediate health, physical, and environmental hazards: May cause allergic skin reaction. May cause target organ effects. Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Skin Contact:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

May be absorbed following inhalation and cause target organ effects.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

May be absorbed following ingestion and cause target organ effects.

Target Organ Effects:

Central Nervous System (CNS) Depression: Signs/symptoms may include headache, dizziness, drowsiness, incoordination, nausea, slowed reaction time, slurred speech, giddiness, and unconsciousness.

Persons previously sensitized to amines may develop a cross-sensitization reaction to certain other amines.

Contains a chemical or chemicals which can cause birth defects or other reproductive harm.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Remove contaminated clothing and shoes. Immediately flush skin with large amounts of water. Get medical attention. Wash contaminated clothing and clean shoes before reuse.

Inhalation: Remove person to fresh air. If signs/symptoms develop, get medical attention.

If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature No Data Available

Flash Point 152 °F [Test Method: Pensky-Martens Closed Cup]

[Details: SPECIFIC METHOD: ASTM D93]

Flammable Limits - LEL
No Data Available
Flammable Limits - UEL
No Data Available

5.2 EXTINGUISHING MEDIA

DO NOT USE WATER Foam, carbon dioxide, dry chemical.

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus

(SCBA).

Unusual Fire and Explosion Hazards: Not applicable. None expected.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures: Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Ventilate the area with fresh air. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible using non-sparking tools. Clean up residue with an appropriate solvent selected by a qualified and authorized person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and MSDS. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

For industrial or professional use only. Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below Occupational Exposure Limits. If ventilation is not adequate, use respiratory protection equipment. Avoid eye contact. Avoid skin contact. Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

7.2 STORAGE

Store away from acids. Store away from heat. Store out of direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use with appropriate local exhaust ventilation.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields, Indirect Vented Goggles.

8.2.2 Skin Protection

Avoid skin contact.

Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials. Gloves made from the following material(s) are recommended: Neoprene.

8.2.3 Respiratory Protection

Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: Half mask or full facepiece air-purifying respirator with N100 particulate filters, Half facepiece or fullface air-purifying respirator with P100 particulate filters, Half facepiece or fullface air-purifying respirator with P95 particulate filters, Half facepiece or fullface air-purifying respirator with N95 particulate filters. Consult the current 3M Respiratory Selection Guide for additional information or call 1-800-243-4630 for 3M technical assistance.

8.2.4 Prevention of Swallowing

Do not ingest.

8.3 EXPOSURE GUIDELINES

Ingredient	Authority	Type	<u>Limit</u>	Additional Information
1-Methyl-2-Pyrrolidinone	AIHA	TWA	10 ppm	Skin Notation*
BIS(2,2,6,6-TETRAMETHYL-4-	CMRG	TWA	1 mg/m3	
PIPERIDINYL) SEBACATE				
Calcium Carbonate	ACGIH	TWA	10 mg/m3	
Naphthol Spirits	3M	TWA	100 ppm	
Naphthol Spirits	CMRG	TWA	300 ppm	
Limestone	ACGIH	TWA	10 mg/m3	
Limestone	OSHA	TWA, respirable	5 mg/m3	Table Z-1
Limestone	OSHA	TWA, as total dust	15 mg/m3	Table Z-1
Diisodecyl Phthalate	CMRG	TWA	5 mg/m3	
STEARATES	ACGIH	TWA, as total dust	10 mg/m3	Table A4
TIN, INORGANIC COMPOUNDS, EXCEPT	ACGIH	TWA, as Sn	2 mg/m3	
SnH4				
TIN, ORGANIC COMPOUNDS	ACGIH	TWA, as Sn	0.1 mg/m3	Skin Notation*; Table A4
TIN, ORGANIC COMPOUNDS	ACGIH	STEL, as Sn	0.2 mg/m3	Skin Notation*
TIN, ORGANIC COMPOUNDS	OSHA	TWA, as Sn	0.1 mg/m3	Skin Notation*; Table Z-1A

^{*} Substance(s) refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

ACGIH: American Conference of Governmental Industrial Hygienists

CMRG: Chemical Manufacturer Recommended Guideline

03/16/2007

OSHA: Occupational Safety and Health Administration

AIHA: American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specific Physical Form: Viscous MITS data Odor, Color, Grade: Thick gray creamy paste

General Physical Form: Solid

Autoignition temperature No Data Available

Flash Point 152 °F [Test Method: Pensky-Martens Closed Cup] [Details:

SPECIFIC METHOD: ASTM D931

Flammable Limits - LEL No Data Available Flammable Limits - UEL No Data Available **Boiling point** Not Applicable

Vapor Density Not Applicable

Vapor Pressure Not Applicable

Specific Gravity 1.68 [*Ref Std:* WATER=1]

Not Applicable pН Not Applicable Melting point

Solubility in Water Negligible **Evaporation rate** Nil

Volatile Organic Compounds 0.34 lb/gal [Test Method: calculated SCAQMD rule 443.1]

Percent volatile <=5.0 %

VOC Less H2O & Exempt Solvents 41 g/l [Test Method: calculated SCAQMD rule 443.1] Viscosity 15000 - 20000 poise [Test Method: Brookfield] [Details:

CONDITIONS: Spindle #7, 2 rpm]

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid: Heat Additional Information: Open flame, heat.

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

Condition **Substance**

Carbon monoxide **During Combustion** Carbon dioxide **During Combustion**

Hazardous Decomposition: Carbon monoxide, carbon dioxide, oxides of nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

 $3M\ MATERIAL\ SAFETY\ DATA\ SHEET\ 3M(TM)\ Ultrapro(TM)\ MSP\ Seam\ Sealer\ -\ Gray,\ P.N.\ 08309,\ 08365,\ 08366,\ 0837003/16/2007$

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of completely cured (or polymerized) wastes in a sanitary landfill. As a disposal alternative, incinerate in an industrial or commercial facility.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14:TRANSPORT INFORMATION

ID Number(s):

60-4300-4987-8, 60-9800-2404-0, 60-9800-2683-9, 60-9800-2686-2, 60-9800-3696-0, XS-0414-1253-6

Please contact the emergency numbers listed on the first page of the MSDS for Transportation Information for this material.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - Yes

This material contains a chemical which requires export notification under TSCA Section 12[b]:

<u>Ingredient (Category if applicable)</u>	C.A.S. No	<u>Regulation</u>	<u>Status</u>
Diisodecyl Phthalate	68515-49-1	Toxic Substances Control Act (TSCA) 4 Test	Applicable
		Rule Chemicals	
Diisodecyl Phthalate (ALKYL PHTHALATES)	68515-49-1	Toxic Substances Control Act (TSCA) 4 Test	Applicable

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Rule Chemicals 1-Methyl-2-Pyrrolidinone 872-50-4 Toxic Substanc

Toxic Substances Control Act (TSCA) 4 Test Applicable

Rule Chemicals

STATE REGULATIONS

Contact 3M for more information.

CALIFORNIA PROPOSITION 65

IngredientC.A.S. No.Classification1-Methyl-2-Pyrrolidinone872-50-4*Developmental Toxin

CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA.

All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS), or are exempt polymers whose monomers are listed on EINECS.

Contact 3M for more information.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 2 Flammability: 1 Reactivity: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

Reason for Reissue: The MSDS has been revised because 3M has adopted the 16-section ANSI/ISO format. The potential hazards of the product have not changed. We encourage you to reread the MSDS and review the information.

Revision Changes:

Copyright was modified.

^{*} WARNING: contains a chemical or chemicals which can cause birth defects or other reproductive harm.

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