

LOCTITE CORPORATION

10/20/98

ROCKY HILL, CONNECTICUT 06067
EMERGENCY PHONE: (860) 571-5100

MATERIAL SAFETY DATA SHEET

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Metylan(R) Heavy Duty Clear Vinyl Adhesive
13704

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 13704 Part of Kit: 13773
Product Type: Metylan Vinyl Paste

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Non-hazardous ingredients	Proprietary	90-95
Clay	1332-58-7	5-10

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Clay	2 mg/m3 dust	10 mg/m3 dust 5 mg/m3 respir.	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: Irritating to eye tissue but does not injure the eye.

Primary Routes of Entry: Eye and skin contact, ingestion.

Signs and Symptoms of Exposure: Eye contact can cause slight irritation.

Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Non-hazardous ingredients	No Data	NO	NO	NO
Clay	AC4 NUI	NO	NO	NO

Abbreviations

AC4 ACGIH-Unclassifiable as human carc. NUI Nuisance dust

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4. FIRST AID MEASURES

Ingestion: If individual is conscious, give water to dilute stomach contents. Seek Medical attention.
 Inhalation: Does not apply
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush at least 15 minutes with water.
 Seek medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup
 Water based material.
 Recommended Extinguishing Agents: No fire or explosive hazard. Use extinguishing media for the surrounding fire.
 Special Firefighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
 Hazardous Products formed by Fire or Thermal Decomp: Oxides of carbon CO, CO2
 Unusual Fire or Explosion Hazards: None
 Explosive Limits: None
 (% by volume in air)Lower Not applicable
 (% by volume in air)Upper Not applicable

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Wipe up spills immediately. Remove dry. Forms a slippery film when wet. Prevent runoff into drains, sewers, and other waterways.

7. HANDLING AND STORAGE

Safe Storage: Store below 100°F
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid prolonged skin contact. Keep away from eyes. Avoid breathing dust. Material may become slippery when wet.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
 Skin: Rubber or plastic gloves.
 Ventilation: Use adequate general ventilation.
 Respiratory: None required under normal use. Use a NIOSH/MSHA

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

(continued)

approved respirator whenever dust is generated.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to beige powder
 Odor: Not Available
 Boiling Point: Not Applicable
 pH: 9.5-10 (aqueous solution)
 Solubility in Water: Soluble
 Specific Gravity 0.5-0.6
 Volatile Organic Compound
 (EPA Method 24) None
 Vapor Pressure: Not applicable
 Vapor Density: Not applicable
 Evaporation Rate
 (Ether = 1) Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: None known
 Conditions to Avoid: None known
 Hazardous Decomposition
 Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
 disposal: Incinerate following EPA and local regulations.
 EPA Hazardous Waste
 Number Not available

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
 Domestic Ground Transport Not Regulated
 Proper Shipping Name: Unrestricted

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14. TRANSPORTATION INFORMATION

(continued)

Hazard Class or
 Division: Unrestricted
 Identification Number: None
 Marine Pollutant: None
 IATA
 Proper Shipping Name: Unrestricted
 Class or Division: Unrestricted

UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65:

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 0
 Fire Hazard: 0
 Reactivity Hazard: 0
 Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 0
 Flammability Hazard: 0
 Reactivity Hazards: 0
 Personal Protection: See Section 8.

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 HMIS is a registered trademark of the National Paint and Coatings Assn.

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 Revision Date: February 17, 1998 Revision: 0001

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Metylan(R) Clear Vinyl Adhesive Heavy Duty
 13705

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 13705 Part of Kit: 13773
 Product Type: Metylan Vinyl Paste

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Non-hazardous ingredients	Proprietary	90-95
Clay	1332-58-7	5-10

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Clay	2 mg/m3 dust	10 mg/m3 dust 5 mg/m3 respir.	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: Irritating to eye tissue but does not injure the eye.
 Primary Routes of Entry: Eye and skin contact, ingestion.
 Signs and Symptoms of Exposure: Eye contact can cause slight irritation.
 Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Non-hazardous ingredients	No Data	NO	NO	NO
Clay	AC4 NUI	NO	NO	NO

Abbreviations

AC4 ACGIH-Unclassifiable as human carc. NUI Nuisance dust

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4. FIRST AID MEASURES

Ingestion: If individual is conscious, give water to dilute stomach contents. Seek Medical attention.
 Inhalation: Does not apply
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush at least 15 minutes with water. Seek medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup
 Water based material.
 Recommended Extinguishing Agents: No fire or explosive hazard. Use extinguishing media for the surrounding fire.
 Special Firefighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
 Hazardous Products formed by Fire or Thermal Decomp: Oxides of carbon CO, CO2
 Unusual Fire or Explosion Hazards: None
 Explosive Limits: None
 (% by volume in air)Lower Not applicable
 (% by volume in air)Upper Not applicable

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Wipe up spills immediately. Remove dry. Forms a slippery film when wet. Prevent runoff into drains, sewers, and other waterways.

7. HANDLING AND STORAGE

Safe Storage: Store below 100°F
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid prolonged skin contact. Keep away from eyes.
 Avoid breathing dust. Material may become slippery when wet.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
 Skin: Rubber or plastic gloves.
 Ventilation: Use adequate general ventilation.
 Respiratory: None required under normal use. Use a NIOSH/MSHA

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

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approved respirator whenever dust is generated.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to beige powder
 Odor: Not Available
 Boiling Point: Not Applicable
 pH: 9.5-10 (aqueous solution)
 Solubility in Water: Soluble
 Specific Gravity: 0.5-0.6
 Volatile Organic Compound
 (EPA Method 24) None
 Vapor Pressure: Not applicable
 Vapor Density: Not applicable
 Evaporation Rate
 (Ether = 1) Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: None known
 Conditions to Avoid: None known
 Hazardous Decomposition
 Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
 EPA Hazardous Waste Number: Not available

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
 Domestic Ground Transport: Not Regulated
 Proper Shipping Name: Unrestricted

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14. TRANSPORTATION INFORMATION

(continued)

Hazard Class or Division: Unrestricted
 Identification Number: None
 Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
 Class or Division: Unrestricted
 UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65:

16. OTHER INFORMATION

Estimated NFPA(R) Code:
 Health Hazard: 0
 Fire Hazard: 0
 Reactivity Hazard: 0
 Specific Hazard: Does not apply

Estimated HMIS(R) Code:
 Health Hazard: 0
 Flammability Hazard: 0
 Reactivity Hazards: 0
 Personal Protection: See Section 8.

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METYLAN WALLPAPER REMOVER 6FO
13708

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 13708 Part of Kit: 13773
Product Type: Wallpaper remover

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Nonoxynol-9	68412-54-4	5-10
Water	7732-18-5	85-100

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: May cause skin irritation especially on prolonged contact. May cause mild to moderate eye irritation.

Primary Routes of Entry: Eye and skin contact, ingestion.

Signs and Symptoms of Exposure: Skin and eye irritation.

Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Nonoxynol-9	No Data	NO	NO	NO
Water	No Data	NO	NO	NO

4. FIRST AID MEASURES

Ingestion: If individual is conscious, give large amount of water to drink, then induce vomiting by having patient tickle back of throat with finger. Keep airway clear. Seek medical attention. Never give

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4. FIRST AID MEASURES

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Inhalation: anything by mouth to an unconscious person. Move to fresh air. If symptoms develop seek attention.

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if

irritation occurs or persists.
 Eye Contact: Flush at least 15 minutes with water.
 Seek medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable
 Water based material.

Recommended
 Extinguishing Agents: No fire or explosive hazard. Use extinguishing
 media for the surrounding fire.

Special Firefighting
 Procedures: Firefighters should be equipped with self-
 contained breathing apparatus to protect against
 potentially toxic and irritating fumes.

Hazardous Products formed
 by Fire or Thermal Decomp Oxides of carbon.

Unusual Fire or
 Explosion Hazards: None

Explosive Limits: None
 (% by volume in air)Lower Not applicable
 (% by volume in air)Upper Not applicable

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
 of spill or leak: Clean up spills immediately. Wear adequate
 protective clothing and equipment. For small
 spills wash area with soapy water and rinse For
 large spills dike area to prevent spreading.
 Put in appropriate labelled container for
 disposal. Wash down with water. Prevent runoff
 into drains, sewers, and other waterways.

7. HANDLING AND STORAGE

Safe Storage: Store at room temperature. Keep container closed
 when not in use.

(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid skin and eye contact. Wash thoroughly after
 handling.

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8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses with side-shields.
 Skin: Neoprene gloves.
 Ventilation: Use adequate general ventilation.
 Respiratory: None required under normal use. Use a NIOSH/MSHA
 approved respirator whenever dust is generated.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Water white liquid-paste.
 Odor: Mild
 Boiling Point: 212F
 pH: Not available.
 Solubility in Water: Complete.
 Specific Gravity 1.01
 Volatile Organic Compound
 (EPA Method 24) Not available
 Vapor Pressure: Not available
 Vapor Density: Not available
 Evaporation Rate
 (Ether = 1) Not available

10. STABILITY AND REACTIVITY

Stability: Stable
 Hazardous Polymerization: Will not occur
 Incompatibility: Strong oxidizing agents.
 Conditions to Avoid: None known
 Hazardous Decomposition
 Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: In accordance with local, state and federal regulations. Since emptied container retains product residues, all labelled hazard precautions must be observed.

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13. DISPOSAL CONSIDERATIONS

(continued)

EPA Hazardous Waste Number Not available

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)
 Domestic Ground Transport Not Regulated
 Proper Shipping Name: Unrestricted
 Hazard Class or
 Division: Unrestricted
 Identification Number: None
 Marine Pollutant: None
 IATA
 Proper Shipping Name: Unrestricted
 Class or Division: Unrestricted

UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: No California proposition 65 chemicals are known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1
 Fire Hazard: 0
 Reactivity Hazard: 0
 Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1
 Flammability Hazard: 0
 Reactivity Hazards: 0
 Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
 HMIS is a registered trademark of the National Paint and Coatings Assn.

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 Revision Date: December 22, 1997 Revision: 0001

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Metylan(R) Clear Cellulose Adhesive
 13725

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 13725 Part of Kit: 13773
 Product Type: Metylan Cellulose Paste

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Non-hazardous ingredients	Proprietary	100

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)	

3. HAZARDS IDENTIFICATION

Toxicity: Irritating to eye tissue but does not injure the eye.

Primary Routes of Entry: Eye and skin contact, ingestion.
 Signs and Symptoms
 of Exposure: Eye contact can cause slight irritation.
 Existing Conditions
 Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen NTP IARC OSHA
Non-hazardous ingredients	No Data	NO NO NO

4. FIRST AID MEASURES

Ingestion: If individual is conscious, give water to dilute stomach contents. Seek Medical attention.
 Inhalation: Does not apply
 Skin Contact: Wash with soap and water.
 Eye Contact: Flush at least 15 minutes with water.
 Seek medical attention if irritation persists.

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5. FIRE FIGHTING MEASURES

Flash Point: More than 200°F Method: Tag Closed Cup
 Water based material.
 Recommended
 Extinguishing Agents: No fire or explosive hazard. Use extinguishing media for the surrounding fire.
 Special Firefighting
 Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.
 Hazardous Products formed
 by Fire or Thermal Decomp Oxides of carbon CO, CO2
 Unusual Fire or
 Explosion Hazards: None
 Explosive Limits: None
 (% by volume in air)Lower Not applicable
 (% by volume in air)Upper Not applicable

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
 of spill or leak: Wipe up spills immediately. Remove dry. Forms a slippery film when wet. Prevent runoff into drains, sewers, and other waterways.

7. HANDLING AND STORAGE

Safe Storage: Store below 100°F
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid prolonged skin contact. Keep away from eyes.
 Avoid breathing dust. Material may become slippery when wet.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Rubber or plastic gloves.
Ventilation: Use adequate general ventilation.
Respiratory: None required under normal use. Use a NIOSH/MSHA approved respirator whenever dust is generated.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to beige powder
Odor: None
Boiling Point: Not Applicable

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9. PHYSICAL AND CHEMICAL PROPERTIES

(continued)

pH: 8-10 (aqueous solution)
Solubility in Water: Soluble
Specific Gravity: 0.32-0.37
Volatile Organic Compound
(EPA Method 24) None
Vapor Pressure: Not applicable
Vapor Density: Not applicable
Evaporation Rate
(Ether = 1) Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None known
Conditions to Avoid: None known
Hazardous Decomposition
Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: Not available

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport Not Regulated
 Proper Shipping Name: Unrestricted
 Hazard Class or
 Division: Unrestricted
 Identification Number: None
 Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
 Class or Division: Unrestricted
 UN or ID Number: None

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15. REGULATORY INFORMATION

CA Proposition 65:

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 0
 Fire Hazard: 0
 Reactivity Hazard: 0
 Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 0
 Flammability Hazard: 0
 Reactivity Hazards: 0
 Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
 HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Louis Fabrizio
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METYLAN STANFIX SEAM ADH 2.5OZ
 13761

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 13761 Part of Kit: 13773
 Product Type: Wallpaper adhesive.

2. COMPOSITION, INFORMATION ON INGREDIENTS

Extinguishing Agents: Water, Foam, Carbon dioxide.
 Special Firefighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Hazardous Products formed by Fire or Thermal Decomp Oxides of carbon (CO, CO2)

Unusual Fire or Explosion Hazards: None

Explosive Limits: None
 (% by volume in air)Lower Not available
 (% by volume in air)Upper Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Clean up spills immediately. Area will be slippery until cleaned. Wear adequate protective clothing and equipment. For large spills recover using a pump. Absorb residual material with sand, or other absorbent material. Prevent runoff into drains, sewers, or other waterways. For small spills, absorb with inert material. Put in appropriately labelled container for disposal.

7. HANDLING AND STORAGE

Safe Storage: Store at room temperature. Keep container closed when not in use. Keep from freezing. KEEP AWAY FROM CHILDREN.

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7. HANDLING AND STORAGE

(continued)

(Contact Loctite Customer Service 1-800-243-4874 for shelf-life information)
 Handling: Avoid skin and eye contact.
 Wash thoroughly after handling.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses with side shields or goggles.
 Skin: Neoprene gloves.
 Ventilation: Use adequate local exhaust ventilation.
 Respiratory: None required under normal use. Use a NIOSH/MSHA approved respirator whenever mist or spray is generated.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White liquid emulsion.
 Odor: Mild.
 Boiling Point: 212 degrees F.
 pH: 5.5

Solubility in Water: Complete.
Specific Gravity 1.032
Volatile Organic Compound
(EPA Method 24) Not available
Vapor Pressure: Not available
Vapor Density: Not available
Evaporation Rate
(Ether = 1) Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None known
Conditions to Avoid: None known
Hazardous Decomposition
Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data available

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13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: In accordance with local, state and federal regulations. Since emptied container retains product residues, all labelled hazard precautions must be observed.

EPA Hazardous Waste Number Not available

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport Not Regulated
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: No Californai Proposition 65 chemicals are known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1
 Fire Hazard: 0
 Reactivity Hazard: 0
 Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1
 Flammability Hazard: 0
 Reactivity Hazards: 0
 Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
 HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: C. J. Michaels
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16. OTHER INFORMATION

(continued)

(24hr.) Phone: (860) 571-5100

Revision Date: February 17, 1998

Revision: 0001

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ROCKY HILL, CONNECTICUT 06067
 EMERGENCY PHONE: (860) 571-5100

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Metylan(R) Prime-It-All(TM) Wall Size
 13763

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: 13763 Part of Kit: 13773
 Product Type: Wallpaper Size

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Clay	1332-58-7	10-20-
Non-hazardous ingredients	Proprietary	80-90

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Clay	2 mg/m3 dust	10 mg/m3 dust 5 mg/m3 respir.	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
---------------------------------------	----------------	---------------

3. HAZARDS IDENTIFICATION

Toxicity: Irritating to eye tissue but does not injure the eye.

Primary Routes of Entry: Eye and skin contact, ingestion.

Signs and Symptoms of Exposure: Eye contact can cause slight irritation.

Existing Conditions Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen		
		NTP	IARC	OSHA
Clay	AC4 NUI	NO	NO	NO
Non-hazardous ingredients	No Data	NO	NO	NO

Abbreviations

AC4 ACGIH-Unclassifiable as human carc. NUI Nuisance dust

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4. FIRST AID MEASURES

Ingestion: If individual is conscious, give water to dilute stomach contents. Get prompt medical attention. DO NOT attempt to give anything by mouth to a drowsy or unconscious person.

Inhalation: Remove to fresh air. If symptoms develop, seek medical attention.

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.

Eye Contact: Immediately flush eyes with large amounts of water until irritation subsides. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable

Recommended Extinguishing Agents: Foam, dry chemical, carbon dioxide, or water spray.

Special Firefighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Hazardous Products formed by Fire or Thermal Decomp: Oxides of carbon CO, CO2

Unusual Fire or Explosion Hazards: MAY FORM FLAMMABLE DUST-AIR MIXTURE when dust is exposed to heat or flame.

DANGER OF DUST EXPLOSION IN THE PRESENCE OF AN
IGNITION SOURCE

Explosive Limits: None
 (% by volume in air)Lower Not applicable
 (% by volume in air)Upper Not applicable

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
 of spill or leak:

Provide adequate ventilation to spill area.
 Remove dry, forms a slippery coating with water.
 Avoid creating explosive concentrations of dust.
 Avoid prolonged inhalation of dust. Sweep up or
 vacuum up and place in a suitable container for
 disposal. Prevent runoff into drains, sewers and
 other waterways.

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7. HANDLING AND STORAGE

Safe Storage: Store at room temperature. Keep container closed
 when not in use.
 (Contact Loctite Customer Service 1-800-243-4874 for shelf life information)
 Handling: Avoid breathing dust. Keep away from heat, spark,
 and open flame. Material may become very slippery
 when wet.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
 Skin: Gloves are not normally required for foreseeable
 conditions of use.
 Ventilation: Use adequate general ventilation.
 Respiratory: None required under normal use. Use a NIOSH/MSHA
 approved respirator whenever dust is generated.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to beige powder.
 Odor: No odor.
 Boiling Point: Not applicable
 pH: 7.0
 Solubility in Water: Soluble
 Specific Gravity 0.27
 Volatile Organic Compound
 (EPA Method 24) Not applicable
 Vapor Pressure: Not applicable
 Vapor Density: Not applicable
 Evaporation Rate
 (Ether = 1) Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility: None known
Conditions to Avoid: None known
Hazardous Decomposition
Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

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12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of
disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste
Number Not available

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport Not Regulated
Proper Shipping Name: Unrestricted
Hazard Class or
Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: No California proposition 65 chemicals known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:
Health Hazard: 1
Fire Hazard: 0
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:
Health Hazard: 1
Flammability Hazard: 0
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
 HMIS is a registered trademark of the National Paint and Coatings Assn.

Prepared By: Gary Pierson
 Title: Health and Safety Specialist
 Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067

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16. OTHER INFORMATION (continued)

(24hr.) Phone: (860) 571-5100
 Revision Date: February 19, 1998 Revision: 0001

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 EMERGENCY PHONE: (860) 571-5100

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Metylan(R) Grip(R) Pre-Pasted
 14430

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Item No.: Wallcovering Activator
 14430 Part of Kit: 13773
 Product Type: Wallpaper Primer

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Clay	1332-58-7	5-10
Non-hazardous ingredients	Proprietary	90-95

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Clay	2 mg/m3 dust	10 mg/m3 dust 5 mg/m3 respir.	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)

3. HAZARDS IDENTIFICATION

Toxicity: May cause mild eye irritation.
 Primary Routes of Entry: Eye and skin contact, ingestion.
 Signs and Symptoms
 of Exposure: Eye contact can cause mild irritation.
 Existing Conditions
 Aggravated by Exposure: None known

Literature Referenced

Carcinogen

Ingredients	Target Organ and Other Health Effects	NTP	IARC	OSHA
Clay	AC4 NUI	NO	NO	NO
Non-hazardous ingredients	No Data	NO	NO	NO

Abbreviations

AC4 ACGIH-Unclassifiable as human carc. NUI Nuisance dust

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Item No.: Wallcovering Activator
14430

4. FIRST AID MEASURES

Ingestion: If individual is conscious, give water to dilute stomach contents. Get prompt medical attention. DO NOT attempt to give anything by mouth to a drowsy or unconscious person.

Inhalation: Remove to fresh air. If symptoms develop, seek medical attention.

Skin Contact: Brush off excess dusts. Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.

Eye Contact: Immediately flush eyes with large amounts of water until irritation subsides. Seek medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable

Recommended Extinguishing Agents: No fire or explosive hazard. Use extinguishing media for surrounding fire.

Special Firefighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

Hazardous Products formed by Fire or Thermal Decomp: Oxides of carbon CO, CO2

Unusual Fire or Explosion Hazards: None

Explosive Limits: None

(% by volume in air)Lower: Not applicable

(% by volume in air)Upper: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case of spill or leak: Clean up spills immediately. Remove dry, forms a slippery coating with water. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in a suitable container for disposal. Prevent runoff into drains, sewers and other waterways.

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7. HANDLING AND STORAGE

Safe Storage: Store at room temperature. Keep container closed when not in use.

(Contact Loctite Customer Service 1-800-243-4874 for shelf life information)

Handling: Avoid breathing dust. keep away from heat, spark, and open flame. Material may become very slippery when wet.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eyes: Safety glasses or goggles.

Skin: Gloves are not normally required for foreseeable conditions of use.

Ventilation: Use adequate general ventilation.

Respiratory: None required under normal use. Use a NIOSH/MSHA approved respirator whenever dust is generated.

See Section 2 for Exposure Limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White to beige powder.

Odor: No odor.

Boiling Point: Not applicable

pH: 9.5-10.0

Solubility in Water: Soluble

Specific Gravity 0.5-0.57

Volatile Organic Compound (EPA Method 24) Not applicable

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Evaporation Rate (Ether = 1) Not applicable

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur

Incompatibility: None known

Conditions to Avoid: None known

Hazardous Decomposition Products (non-thermal): None known

11. TOXICOLOGICAL INFORMATION

See Section 3.

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12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.
EPA Hazardous Waste Number: Not available

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport: Not Regulated
Proper Shipping Name: Unrestricted
Hazard Class or Division: Unrestricted
Identification Number: None
Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted
Class or Division: Unrestricted
UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65: No California proposition 65 chemicals known to be present.

16. OTHER INFORMATION

Estimated NFPA(R) Code:

Health Hazard: 1
Fire Hazard: 0
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS(R) Code:

Health Hazard: 1
Flammability Hazard: 0
Reactivity Hazards: 0
Personal Protection: See Section 8.

NFPA is a registered trademark of the National Fire Protection Assn.
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Prepared By: Gary Pierson
Title: Health and Safety Specialist

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16. OTHER INFORMATION

(continued)

Company: Loctite Corp., 1001 Tr Br Cr, Rocky Hill CT 06067
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Revision Date: February 19, 1998 Revision: 0001

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