



Revision Date: 12/16/2004

Issue date: 12/17/2004

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Depend(R) No-Mix Activator
Product type: Activator
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 8220251
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
n-Heptane 142-82-5	30-60	400 ppm TWA 500 ppm STEL	2000 mg/m ³ TWA 500 ppm TWA	None
Isobutane 75-28-5	10-30	1000 ppm TWA listed under aliphatic hydrocarbon gases alkane C1-C4	None	None
Aldehyde-amine condensate 34562-31-7	10-30	None	None	None
Isopropyl alcohol 67-63-0	10-30	200 ppm TWA 400 ppm STEL	400 ppm TWA 980 mg/m ³ TWA	None
Substituted dihydropyridines UNKNOWN	1-5	None	None	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Liquid Aerosol
Color: Amber
Odor: Aliphatic

HEALTH: 1*
FLAMMABILITY: 4
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

WARNING: FLAMMABLE LIQUID AND VAPOR.
CAUSES EYE AND SKIN IRRITATION.
MAY CAUSE RESPIRATORY TRACT IRRITATION.
MAY BE HARMFUL IF SWALLOWED.

Relevant routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects

Inhalation: May cause respiratory tract irritation. Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.
Skin contact: Irritating to skin. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.
Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspirated material can enter the lungs and result in pneumonitis.

Item No. : 8220251

Product name: Depend(R) No-Mix Activator

Existing conditions aggravated by exposure:

Eye, skin, and respiratory disorders. Heart disease.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If discomfort persists seek medical attention.

Skin contact: Wash with soap and water.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time.

Ingestion: If conscious, drink plenty of water. Do not induce vomiting. Keep individual calm. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: -3.9°C (25°F) (Base only) (estimated)

Flashback: This product exhibits flashback when tested for flame extension.

Flame Projection: Greater than 19 cms (48 inches)

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: None

Unusual fire or explosion hazards: Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent product from entering drains or open waters.

Clean-up methods: Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.

Storage: Store away from heat, sparks, flames, or other sources of ignition. For safe storage, store at or below 38°C (100°F).

Incompatible products: Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Skin protection:	Chemical resistant, impermeable gloves.
Eye/face protection:	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid Aerosol
Color:	Amber
Odor:	Aliphatic
Vapor pressure:	35 mmHg at 20 °C (68 °F) (Base only)
pH:	Not applicable
Boiling point/range:	50°C (122°F) Approximately 50°C (122°F) (Base only)
Melting point/range:	Not available
Specific gravity:	0.7694 Base only
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Immiscible
Partition coefficient (n-octanol/water):	Not available
VOC content:	83.84%; 645.1 grams/liter (EPA Method 24)

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.
Incompatibility:	Strong oxidizers. Strong acids and strong bases. Acid chlorides. Acid anhydrides. Alkali metals Ammonia Amines.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
n-Heptane 142-82-5	No	No	No
Isobutane 75-28-5	No	No	No
Aldehyde-amine condensate 34562-31-7	No	No	No
Isopropyl alcohol 67-63-0	No	No	No
Substituted dihydropyridines UNKNOWN	No	No	No

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
n-Heptane 142-82-5	Central nervous system, Irritant
Isobutane 75-28-5	Cardiac, Central nervous system, Lung
Aldehyde-amine condensate 34562-31-7	No data
Isopropyl alcohol 67-63-0	Allergen, Blood, Central nervous system, Irritant, Kidney, Liver, Brain, Spleen
Substituted dihydropyridines UNKNOWN	No data

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Aerosols, flammable
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None
Exceptions: Consumer Commodity ORM-D (Not more than 1 Liter)

International Air Transportation (ICAO/IATA):

Proper shipping name: Aerosols, flammable, n.o.s
Hazard class or division: 2.1
Identification number: UN 1950
Packing group: None
Exceptions: May Qualify as Consumer Commodity ID8000 (Not more than 500 ml)

WaterTransportation (IMO/IMDG):

Proper shipping name: Aerosols
Hazard class or division: 2
Identification number: UN1950
Packing group: None
Exceptions: Limited quantity (Not more than 1 L)
Marine pollutant: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: n-Heptane (142-82-5).

CERCLA/SARA Section 302 EHS: None.
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard, Fire
CERCLA/SARA 313: None above reporting de minimus.

California Proposition 65: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class: A, B.2, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Expanded chemical information in Section 2 and related sections.

Prepared by: Kyra Kozak Woods, Health and Regulatory Affairs Specialist

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Revision Date: 03/14/2005

Issue date: 03/14/2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Depend(R) No-Mix Adhesive	Item No. : 7500206
Product type: Tough Acrylic Adhesive	Region: United States
Company address: Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	Contact Information: Telephone: 860.571.5100 Emergency telephone: 860.571.5100 Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
Tetrahydrofurfuryl methacrylate 2455-24-5	30-60	None	None	None
Chlorosulphonated polyethylene 68037-39-8	10-30	None	None	None
Methacrylic acid 79-41-4	5-10	20 ppm TWA	None	None
Alkyl methacrylate 688-84-6	5-10	None	None	None
1,3-Butylene glycol dimethacrylate 1189-08-8	1-5	None	None	None
Talc 14807-96-6	0.1-1	2 mg/m ³ TWA respirable fraction, particulate matter containing no asbestos and < 1% crystalline silica	= 20 mppcf TWA	50 ppm
Carbon tetrachloride 56-23-5	0.1-1	10 ppm STEL 5 ppm TWA (skin)	10 ppm TWA 25 ppm Ceiling	None

Under the Clean Air Act this product is exempted from labeling as an ozone depleting chemical (40 CFR 82.106(b)(1)).

3. HAZARDS IDENTIFICATION

<u>EMERGENCY OVERVIEW</u>	
HMIS:	
Physical state: Liquid	HEALTH: 2*
Color: Amber	FLAMMABILITY: 2
Odor: Sharp, Irritating	PHYSICAL HAZARD: 1
	Personal Protection: See Section 8
 WARNING: COMBUSTIBLE LIQUID CAUSES EYE IRRITATION. MAY CAUSE SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.	

Relevant routes of exposure: Skin, Inhalation, Eyes

Item No. : 7500206

Product name: Depend(R) No-Mix Adhesive

Potential Health Effects

Inhalation: May cause irritation to nose and throat.
Skin contact: May cause skin irritation. May cause allergic skin reaction.
Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation.
Ingestion: May be harmful if swallowed. May cause gastrointestinal tract irritation if swallowed.

Existing conditions aggravated by exposure: Eye, skin, and respiratory disorders.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If symptoms develop and persist, get medical attention.

Skin contact: Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

Eye contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

Flash point: 87°C (188°F) Tagliabue closed cup

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: None

Unusual fire or explosion hazards: None

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Toxic chlorides. Irritating organic vapors.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Prevent product from entering drains or open waters.

Clean-up methods: Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

7. HANDLING AND STORAGE

Handling:	Keep away from heat, spark and flame. Do not breathe mist or vapors. Avoid contact with eyes, skin and clothing.
Storage:	For safe storage, store at or below 38°C (100°F). Store away from heat, sparks, flames, or other sources of ignition.
Incompatible products:	Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls:	Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
Skin protection:	Use impermeable gloves and protective clothing as necessary to prevent skin contact.
Eye/face protection:	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Amber
Odor:	Sharp, Irritating
Vapor pressure:	Less than 10 mm Hg at 27°C (80°F)
pH:	Not applicable
Boiling point/range:	Greater than 149°C (300°F)
Melting point/range:	Not available
Specific gravity:	1.16
Vapor density:	Not available
Evaporation rate:	Not available
Solubility in water:	Slight
Partition coefficient (n-octanol/water):	Not available
VOC content:	68.5%; 754 grams/liter (EPA Method 24)

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of sulfur. Toxic chlorides. Irritating organic vapors.
Incompatibility:	Strong oxidizers.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

11. TOXICOLOGICAL INFORMATION

Product toxicity data:	Acute oral LD50 greater than 10, 000 mg/kg (rat). Acute LD50 (oral) :Greater than 4000 (rat).
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Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Tetrahydrofurfuryl methacrylate 2455-24-5	No	No	No
Chlorosulphonated polyethylene 68037-39-8	No	No	No
Methacrylic acid 79-41-4	No	No	No
Alkyl methacrylate 688-84-6	No	No	No
1,3-Butylene glycol dimethacrylate 1189-08-8	No	No	No
Talc 14807-96-6	No	No	No
Carbon tetrachloride 56-23-5	Suspect Carcinogen	Group 2B	Yes

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Tetrahydrofurfuryl methacrylate 2455-24-5	Allergen, Irritant
Chlorosulphonated polyethylene 68037-39-8	No Target Organs
Methacrylic acid 79-41-4	Allergen, Corrosive, Irritant
Alkyl methacrylate 688-84-6	Allergen, Irritant
1,3-Butylene glycol dimethacrylate 1189-08-8	Allergen, Irritant
Talc 14807-96-6	Some evidence of carcinogenicity, Lung, Irritant
Carbon tetrachloride 56-23-5	Cardiac, Central nervous system, Irritant, Kidney, Liver, Some evidence of carcinogenicity

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: Waste must be tested to determine the applicable EPA hazardous waste numbers. D019: Carbon tetrachloride.

14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

U.S. Department of Transportation Ground (49 CFR):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None

International Air Transportation (ICAO/IATA):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None
Packing group: None

WaterTransportation (IMO/IMDG):

Proper shipping name: Unrestricted
Hazard class or division: None
Identification number: None

Item No. : 7500206

Product name: Depend(R) No-Mix Adhesive

Packing group: None
Marine pollutant: None

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
TSCA 12 (b) Export Notification: 4-Methoxyphenol (150-76-5).

CERCLA/SARA Section 302 EHS: None above reporting de minimus.
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard, Fire
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Carbon tetrachloride (CAS# 56-23-5).

California Proposition 65: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class: B.3, D.2.A, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: This material safety data sheet contains changes from the previous version in section(s): 2

Prepared by: Kyra Kozak Woods, Health and Regulatory Affairs Specialist

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