Material Safety Data Sheet

Henkel Technologies

Revision Date: 04/29/2008 **Issue date:** 04/29/2008

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: 7113 Activator
Product type: Primer
Company address:
Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 19606 / IDH No. 135295
Region: United States
Contact Information:
Telephone: 860.571.5100
Emergency telephone: 860.571.5100
Internet: www.loctite.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components	%	ACGIH TLV	OSHA PEL	OTHER
n-Heptane 142-82-5	60-100	400 ppm TWA 500 ppm STEL	2000 mg/m³ TWA 500 ppm TWA	None

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:

Physical state: Liquid
Color: Clear Colorless
Odor: Aliphatic

HEALTH: 2
FLAMMABILITY: 3
PHYSICAL HAZARD: 0
Personal Protection: See Section 8

DANGER: FLAMMABLE!
VAPOR MAY CAUSE FLASH FIRE
HARMFUL OR FATAL IF SWALLOWED.
HARMFUL IF INHALED.
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

Potential Health Effects

Inhalation: Central nervous system effects. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Residue remaining after evaporation of the solvent is destructive to mucous menbranes.

Skin contact: May cause irritation due to defatting of the skin. Redness. Residue remaining after evaporation of the solvent is destructive to skin.

Eye contact: Vapors may irritate eyes. Contact with eyes will cause irritation. Residue remaining after evaporation of the solvent is destructive to eyes.

Ingestion: Ingestion may cause irritation to mucous membranes. Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

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: Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion: Do not induce vomiting. Obtain medical attention.

Notes to physician: Aspiration may cause pulmonary edema or aspiration pneumonia.

5. FIRE-FIGHTING MEASURES

Flash point: -2°C (30°F) Tagliabue closed cup

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: 1.1

Flammable/Explosive limits-upper %: 6.7

Extinguishing media: Foam. Carbon dioxide (CO2). Dry chemical.

Special fire fighting procedures: Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

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.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: Remove sources of ignition. Prevent product from entering drains or open waters.

Clean-up methods: Ensure adequate ventilation. Soak up with inert absorbent. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

Storage: Keep in a cool, well ventilated area. Store away from ignition sources. Keep container closed. Store at or below 49°C (120°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: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).

Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

Eye/face protection: Safety glasses with side-shields. Goggles.

See Section 2 for exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Clear Colorless
Odor: Aliphatic
Vapor pressure: 35 mmHg at 20 ºC (68 °F)
pH: Not applicable
Boiling point/range: 96-98°C (205-210°F)
Melting point/range: Not available
Specific gravity: 0.68
Vapor density: 3.45 Heavier than air
Evaporation rate: 2.7 (Ether = 1)
Solubility in water: Immiscible
Partition coefficient (n-octanol/water): Not available
VOC content: 99.9%; 680 grams/liter

10. STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Hazardous decomposition products: No data available

Incompatability: Acids. Oxidizing agents.

Conditions to avoid: Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
n-Heptane 142-82-5	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

12. ECOLOGICAL INFORMATION

Ecological information: Not available

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of in accordance with Federal, State and local regulations.

EPA hazardous waste number: D001: Ignitable.

14. TRANSPORT INFORMATION

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

Proper shipping name: Heptane solutions
Hazard class or division: 3
Identification number: UN 1206
Packing group: II
Exceptions: Consumer Commodity ORM-D (Not more than 1 Liter)

International Air Transportation (ICAO/IATA):

Proper shipping name:	Heptane solutions.
Hazard class or division:	3
Identification number:	UN 1206
Packing group:	II
Exceptions:	May Qualify as Consumer Commodity ID8000 (Not more than 500 mL)

WaterTransportation (IMO/IMDG):

Proper shipping name:	Heptane solutions
Hazard class or division:	3
Identification number:	UN1206
Packing group:	II
Exceptions:	Limited quantity (Not more than 5 kg)
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:	B.2, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: Updated Revision Date Only

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