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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Loctite(R) Heavy Duty Rubberized Undercoating
Product type: Coating
Company address: Henkel Corporation
1001 Trout Brook Crossing
Rocky Hill, Connecticut 06067

Item No. : 30538
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>
Calcium carbonate 471-34-1	10-30	10 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica)	15 mg/m ³ TWA (total dust) 5 mg/m ³ TWA (respirable fraction)	None
Medium aliphatic naphtha 64742-88-7	10-30	5 mg/m ³ TWA (mist) 10mg/m ³ STEL (mist)	5 mg/m ³ TWA (mist)	None
Asphalt fumes 8052-42-4	5-10	0.5 mg/m ³ TWA	None	None
Propane 74-98-6	5-10	1000 ppm TWA	1000 ppm TWA 1800 mg/m ³ TWA	None
Butane 106-97-8	5-10	1000 ppm TWA	800 ppm TWA	None
Clay 1332-58-7	5-10	2 mg/m ³ TWA	15 mg/m ³ TWA total dust 5 mg/m ³ TWA respirable fraction	None
Methanol 67-56-1	1-5	200 ppm TWA 250 ppm STEL (skin)	200 ppm TWA 260 mg/m ³ TWA	None
Carbon black 1333-86-4	0.1-1	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA	None

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW****HMIS:**

Physical state: Liquid Aerosol
Color: Black
Odor: Solvent

HEALTH: 2
FLAMMABILITY: 4
PHYSICAL HAZARD: 2
Personal Protection: See Section 8

DANGER: EXTREMELY FLAMMABLE.
CONTENTS UNDER PRESSURE.
HARMFUL IF SWALLOWED OR INHALED.

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

Potential Health Effects

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Inhalation:	Moderate respiratory tract irritation. Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Overexposure may cause nervous system depression. Continued exposure may cause increased light-headedness, staggering, unconsciousness and even death. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Prolonged exposure to solvents may cause adverse effects to the liver, urinary, and reproductive systems.
Skin contact:	Irritating to skin. Itching. Redness. Burning sensation.
Eye contact:	Moderate eye irritation. Redness. Burning sensation.
Ingestion:	May be harmful if swallowed. Extreme overexposure may result in unconsciousness and possibly death.

Existing conditions aggravated by exposure: None generally recognized.

See Section 11 for additional toxicological information.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. 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. If skin irritation persists, call a physician.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Flash point:	Less than 0°C (32°F) (Propellant)
Flashback:	This product exhibits no flashback when tested for flame extension.
Flame Projection:	30 inches (76 cm)
Autoignition temperature:	Not available
Flammable/Explosive limits-lower %:	1.0 %
Flammable/Explosive limits-upper %:	36.5 %
Extinguishing media:	Carbon dioxide (CO ₂). Dry chemical. Foam.
Special fire fighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Water spray may be ineffective. 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:	Isolate from heat, electrical equipment, sparks, and open flame. Closed containers may explode when exposed to extreme heat.
Hazardous combustion products:	Oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions:	Do not allow material to contaminate ground water system.
Clean-up methods:	Remove all ignition sources. Ventilate area. Soak up with inert absorbent. Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Keep away from heat, spark and flame. Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Vapors will accumulate readily and may ignite explosively. Use only with adequate ventilation. 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:	Contents under pressure. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Store away from ignition sources.
Incompatible products:	None.

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:	If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH for dust which may be generated from this product, underlying paint, or the abrasive.
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:	Black
Odor:	Solvent
Vapor pressure:	Not available
pH:	Not available
Boiling point/range:	Less than -18 to 201°C (0 to 395°F)
Melting point/range:	Not available
Specific gravity:	0.98
Vapor density:	Heavier than air
Evaporation rate:	Faster than ether (Ether = 1)
Solubility in water:	Not available
Partition coefficient (n-octanol/water):	Not available
VOC content:	28.47%

10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	None
Incompatability:	None
Conditions to avoid:	None known.

11. TOXICOLOGICAL INFORMATION

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Product name: Loctite(R) Heavy Duty Rubberized Undercoating

Product toxicity data:

Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity. Some animal studies with poor controls have indicated that Bitumens (Asphalt) causes tumors, however, there is inadequate evidence that Bitumens alone are carcinogenic to humans. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Calcium carbonate 471-34-1	No	No	No
Medium aliphatic naphtha 64742-88-7	No	No	No
Asphalt fumes 8052-42-4	Known Carcinogen	Group 1 Group 2B	Yes
Propane 74-98-6	No	No	No
Butane 106-97-8	No	No	No
Clay 1332-58-7	No	No	No
Methanol 67-56-1	No	No	No
Carbon black 1333-86-4	No	Group 2B	Yes

Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Calcium carbonate 471-34-1	Nuisance dust
Medium aliphatic naphtha 64742-88-7	Central nervous system, Irritant
Asphalt fumes 8052-42-4	Central nervous system, Irritant, Respiratory
Propane 74-98-6	Cardiac, Central nervous system, Irritant
Butane 106-97-8	Cardiac, Central nervous system, Irritant
Clay 1332-58-7	Nuisance dust
Methanol 67-56-1	Eyes, Heart, Irritant, Kidney, Liver, Metabolic, Nervous System, Reproductive
Carbon black 1333-86-4	Respiratory, 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 in accordance with Federal, State and local regulations.

EPA hazardous waste number:

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

14. TRANSPORT INFORMATION

Item No. : 30538

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

International Air Transportation (ICAO/IATA):

Proper shipping name:	Aerosols, flammable
Hazard class or division:	2.1
Identification number:	UN1950
Packing group:	None
Exceptions:	(Not more than 500 ml) May Qualify as Consumer Commodity ID8000

WaterTransportation (IMO/IMDG):

Proper shipping name:	Aerosols, flammable
Hazard class or division:	2.1
Identification number:	UN1950
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:	None.

CERCLA/SARA Section 302 EHS:	None.
CERCLA/SARA Section 311/312:	Fire, Immediate Health Hazard, Sudden Release, Delayed Health Hazard
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). Methanol (CAS# 67-56-1) .

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

CEPA DSL/NDL Status:	All components are listed on or are exempt from listing on the Domestic Substances List.
WHMIS hazard class:	A, B.5, D.2.A, D.2.B

16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 3,5,16

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