

Revision Number: 004.1

Issue date: 01/05/2023

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:

Product type/use: Assem Restriction of Use: None in Company address: Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067

PL 530 Mirror, Marble & Granite Construction Adhesive Assembly adhesive, solvent None identified IDH number:

1693636

Region:United StatesContact information:Telephone: +1 (860) 571-5100MEDICAL EMERGENCY Phone: Poison Control Center1-877-671-4608 (toll free) or 1-303-592-1711TRANSPORT EMERGENCY Phone: CHEMTREC1-800-424-9300 (toll free) or 1-703-527-3887Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

 EMERGENCY OVERVIEW

 DANGER:
 HIGHLY FLAMMABLE LIQUID AND VAPOUR.

 CAUSES SERIOUS EYE IRRITATION.

FLAMMABLE LIQUID	2
EYE IRRITATION	2A

PICTOGRAM(S)

Precautionary Statements

Prevention:	Keep away from heat, sparks, open flames, hot surfaces - no smoking. Keep container tightly closed. No release into water. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Wash affected area thoroughly after handling. Wear protective gloves, eye protection, and face protection.
Response:	If on skin (or hair): Take off immediately all contaminated clothing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.
Storage:	Store in a well-ventilated place. Keep cool.
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS		
Hazardous Component(s)	CAS Number	Percentage*
Limestone	1317-65-3	20 - 30
Kaolin	1332-58-7	10 - 20
acetone	67-64-1	10 - 20
Resin acids and Rosin acids, esters with pentaerythritol	8050-26-8	1 - 5
Methyl acetate	79-20-9	1 - 5

Titanium dioxide	13463-67-7	0.1 - 1
Quartz (SiO2), <1% respirable	14808-60-7	0.1 - 1

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

	. FIRST AID MEASURES
Inhalation:	If inhaled, immediately remove the affected person to fresh air. If breathing i difficult, give oxygen. If symptoms develop and persist, get medical attention
Skin contact:	Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
Ingestion:	Do not induce vomiting, seek medical advice immediately.
Symptoms:	See Section 11.
5. F	FIRE FIGHTING MEASURES
Extinguishing media:	Foam, dry chemical or carbon dioxide. In case of fire, keep containers cool with water spray.
Special firefighting procedures:	Wear a self-contained breathing apparatus with a full face piece operated in pressure-demand or other positive pressure mode. Wear full protective clothing.
Unusual fire or explosion hazards:	Closed containers may explode when exposed to extreme heat. Vapors ma form explosive mixtures with air. Vapors are heavier than air and may trave along floor to an ignition source.
Hazardous combustion products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.
6. ACCI	DENTAL RELEASE MEASURES
personal protection recommended in Sect	DENTAL RELEASE MEASURES ion 8, isolate the hazard area and deny entry to unnecessary and
personal protection recommended in Sect	ion 8, isolate the hazard area and deny entry to unnecessary and
personal protection recommended in Sect rotected personnel.	ion 8, isolate the hazard area and deny entry to unnecessary and Eliminate all sources of ignition or flammables that may come into contact wi a spill of this material. Ventilate area. Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways. Use noncombustible absorbent material such as sand. Use non-sparking too
personal protection recommended in Sect rotected personnel. Environmental precautions: Clean-up methods:	 ion 8, isolate the hazard area and deny entry to unnecessary and Eliminate all sources of ignition or flammables that may come into contact wi a spill of this material. Ventilate area. Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways. Use noncombustible absorbent material such as sand. Use non-sparking too for clean-up. Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local
personal protection recommended in Sect rotected personnel. Environmental precautions: Clean-up methods:	 ion 8, isolate the hazard area and deny entry to unnecessary and Eliminate all sources of ignition or flammables that may come into contact wi a spill of this material. Ventilate area. Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways. Use noncombustible absorbent material such as sand. Use non-sparking too for clean-up. Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Limestone	10 mg/m3 TWA Inhalable particles. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Total dust.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 5 mg/m3 TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 mg/m3 TWA Total dust. 15 MPPCF TWA Respirable fraction.	None	None
Kaolin	2 mg/m3 TWA Respirable fraction.	5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction. 15 mg/m3 TWA Total dust.	None	None
acetone	250 ppm TWA 500 ppm STEL	1,000 ppm (2,400 mg/m3) PEL	None	None
Resin acids and Rosin acids, esters with pentaerythritol	None	None	None	None
Methyl acetate	200 ppm TWA 250 ppm STEL	200 ppm (610 mg/m3) PEL	None	None
Titanium dioxide	0.2 mg/m3 TWA Respirable nanoscale particles 2.5 mg/m3 TWA Respirable finescale particles	15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Quartz (SiO2), <1% respirable	0.025 mg/m3 TWA Respirable fraction.	0.05 mg/m3 TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m3 OSHA_ACT (Respirable dust.) 0.05 mg/m3 PEL Respirable dust. 2.4 MPPCF TWA Respirable. 0.1 mg/m3 TWA Respirable.	None	None
Engineering controls:		xhaust ventilation is reco ht to control airborne con		
Respiratory protection:	Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists. When workplace hazards warrant the use of a respirator, appropriate respirators must be used, and a program that follows 29 CFR 1910.134 must be followed.			
Eye/face protection:	Safety goggles or safety glasses with side shields.			
Lyenace protection.				

Product name: PL 530 Mirror, Marble & Granite Construction Adhesive Page 3 of 6

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Color: Odor: Odor threshold: pH: Vapor pressure: Boiling point/range: Melting point/ range: Specific gravity: Vapor density: Flash point: Flammable/Explosive limits - low Flammable/Explosive limits - upp Autoignition temperature: Flammability: Evaporation rate:			
Solubility in water:	Slightly soluble		
Partition coefficient (n-octanol/w			
VOC content:	0.22 %; 5.67 g/l (by weight, calculated using CARB method; g/L less water,		
Viscosity:	less exempts calculated using SCAQMD method) 375.000 mPa.s		
Decomposition temperature:	Not available.		
	10. STABILITY AND REACTIVITY		
Stability:	Stable under normal conditions of storage and use.		
Hazardous reactions:	Will not occur.		
Hazardous decomposition products:	Carbon dioxide, carbon monoxide and irritating and/or toxic gases and particulate may be generated by thermal decomposition or combustion.		
Incompatible materials:	Strong oxidizing agents.		
Reactivity:	Not available.		
Conditions to avoid:	Heat, flames, sparks and other sources of ignition.		

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

Inhalation, Skin contact

Potential Health Effects/Symptoms

Inhalation:	Irritates the nose, throat and respiratory system. Exposure to high doses may cause central nervous system depression. Such doses may also cause adverse effects in the liver, kidneys, and lungs. Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.
Skin contact:	Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis.
Eye contact:	Contact with eyes can cause eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
Ingestion:	Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	g Immediate and Delayed Health Effects Nuisance dust	
Limestone	None		
Kaolin	Oral LD50 (Rat) = > 5,000 mg/kg Dermal LD50 (Rat) = > 5,000 mg/kg		
acetone	Oral LD50 (Mouse) = 5.2 g/kg Oral LD50 (Mouse) = 3,000 mg/kg Oral LD50 (Rabbit) = 5,340 mg/kg Oral LD50 (Rat) = 5,800 mg/kg Oral LD50 (Rat) = 9,800 mg/kg Dermal LD50 (Rabbit) = 20,000 mg/kg Inhalation LC50 (Rat, 4 h) = 76 mg/l Inhalation LC50 (Rat, 4 h) = 50.1 mg/l	Central nervous system, Irritant	
Resin acids and Rosin acids, esters with pentaerythritol	None	Irritant	
Methyl acetate	Oral LD50 (Rabbit) = 3.7 g/kg	Blood, Central nervous system, Eyes, Irritant	
Titanium dioxide	Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l	Irritant, Respiratory, Some evidence of carcinogenicity	
Quartz (SiO2), <1% respirable	None	Immune system, Lung, Some evidence of carcinogenicity	

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Limestone	No	No	No
Kaolin	No	No	No
acetone	No	No	No
Resin acids and Rosin acids, esters with pentaerythritol	No	No	No
Methyl acetate	No	No	No
Titanium dioxide	No	Group 2B	No
Quartz (SiO2), <1% respirable	Known To Be Human Carcinogen.	Group 1	Yes

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.

14. **TRANSPORT INFORMATION**

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

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

Adhesives
3
UN 1133
II

Product name: PL 530 Mirror, Marble & Granite Construction Adhesive

International Air Transportation (ICAO/IATA)	
Proper shipping name:	Adhesives
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II
Water Transportation (IMO/IMDG)	
Proper shipping name:	ADHESIVES
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: TSCA 12 (b) Export Notification:	All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory. None above reporting de minimisNone above reporting de minimis
CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: CERCLA/SARA Section 313:	None above reporting de minimis. Vinyl acetate (CAS# 108-05-4). Formaldehyde (CAS# 50-00-0). Fire, Immediate Health, Delayed Health None above reporting de minimis.
California Proposition 65:	This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. This product contains a chemical known in the State of California to cause cancer.
Canada Regulatory Information	
CEPA DSL/NDSL Status: Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities.	

Please contact Regulatory Affairs for additional details. **16. OTHER INFORMATION**

This safety data sheet contains changes from the previous version in sections: This Safety Data Sheet contains changes from the previous version in Section(s): 15

Prepared by: Product Safety and Regulatory Affairs

Issue date: 01/05/2023

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