

SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product Identifier : **HENRY® 331 SUPER PATCH Latex Floor Patching Compound**


Product ID No. : 70010132

Trade Name/Synonyms : Henry 331

Material Use : A ready-to-use gypsum/latex-based patching compound designed for use with wood and concrete in residential applications.

Uses Advised Against : Use only as recommended in the product's Technical Data Sheet.

Manufacturer's name and address: **Supplier's name and address:**

 Refer to Manufacturer

ARDEX L.P.
400 Ardex Park Dr.
Aliquippa, PA 15001 USA

Information Telephone No. : (724) 203-8000

Website Address : <http://www.ardexamericas.com>

24 Hr Emergency Telephone # : **CHEM-TEL: 1-800-255-3924 OR 1-813-248-0585 (call collect)**

SECTION 2 – HAZARDS IDENTIFICATION

GHS Classification per 29 CFR 1910.1200 (OSHA HCS 2012) and HPR (WHMIS 2015)

Skin corrosion/irritation, Category 2
Serious eye damage/eye irritation, Category 2A
Carcinogenicity, Category 1A
Specific target organ toxicity, repeated exposure, Category 1.

GHS Pictograms



Signal Word

Danger

Hazard Statements

Causes serious eye irritation.
Causes skin irritation.
May cause cancer by inhalation.
May cause damage to lungs through prolonged or repeated inhalation.

Precautionary Statements

Obtain special instructions before use. (See Section 7.) Do not handle until all safety precautions have been read and understood. Do not breathe dust. Use only in a well-ventilated area. Wash hands and exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection. Wash contaminated clothing before reuse. Keep container tightly closed. Protect from sunlight. Store locked up. Dispose of contents / container in accordance with federal, state, and local laws. Do not allow product to enter drains.

Note: Hazard classifications for this product are based on OSHA regulations for occupational workers. This product is primarily sold through retail outlets where it is available to consumers. See the product label for consumer warnings.

Hazards Not Otherwise Classified

None

% With Unknown Acute Toxicity : 5% of this mixture consists of ingredients with unknown acute toxicity.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS #	% (by weight)
Plaster of Paris, Calcium sulfate hemihydrate	26499-65-0	30 – 60
Limestone, Calcium carbonate	1317-65-3	30 – 60
Crystalline silica, quartz*	14808-60-7	1 – 5
Portland Cement	65997-15-1	1 – 5

*Note: Crystalline Silica (quartz) is not intentionally added to this product but is a naturally occurring component in some components. The exact percentages of the ingredients have been withheld by the manufacturer as trade secrets.

SECTION 4 – FIRST AID MEASURES

- General** : Call a Poison Center or doctor if you feel unwell.
- Inhalation** : Remove person to fresh air and keep at rest in a position comfortable for breathing.-Get medical attention.
- Skin contact** : Remove contaminated clothing. Flush affected skin with water. If irritation or rash occurs, seek medical attention/advice.
- Eye contact** : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
- Ingestion** : Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
- Notes for Physician** : Treat symptomatically.

Signs and symptoms of short-term (acute) exposure

- Inhalation* : Symptoms may include coughing and shortness of breath.
- Skin* : Symptoms may include redness and itching. Contact with wet material, or moist areas of skin, causes irritation. Skin thickening, cracking, or fissuring may occur.
- Eyes* : Direct contact may strongly irritate the eyes.
- Ingestion* : Symptoms such as gastric pain, nausea, vomiting, and diarrhea may occur.

Effects of long-term (chronic) exposure

- : Prolonged inhalation may cause adverse lung effects with symptoms including coughing and shortness of breath. Repeated or prolonged inhalation of fine dusts may cause severe scarring of the lungs, a disease called silicosis, and alveolar proteinosis (lower lung disease). Silicosis has been linked to kidney damage and autoimmune disorders.

Indication of need for immediate medical attention or special treatment

- : Difficulty breathing persists after removing the person to fresh air.
- Any burn to the skin.
- Any exposure to the eye which causes irritation.
- Ingestion.

SECTION 5 – FIRE FIGHTING MEASURES

- Suitable extinguishing media** : Dry chemical, carbon dioxide and foam.
- Unsuitable extinguishing media** : Do not use water.
- Hazardous combustion products** : Sulfur oxides; calcium oxide; vinyl acetate; acetic acid; Aldehydes; Carbon oxides.
- Special fire-fighting procedures/equipment**

: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. After fires have been extinguished, carefully clean all equipment and surfaces exposed to fumes.

Environmental precautions : Do not allow material to enter drains or contaminate ground water system.

Fire hazards/conditions of flammability

: The product is not flammable under normal conditions of use.

Flammability classification (OSHA 29 CFR 1910.1200, WHMIS 2015)

: Not flammable

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions : Restrict access to area until completion of clean-up. All persons dealing with clean-up should wear the appropriate chemically protective equipment.

Protective equipment : Refer to Section 8 for additional information on acceptable personal protective equipment.

Emergency Procedures : This product does not contain chemicals requiring EPA notification for spills. In case of a chemical spill, call the emergency telephone number listed in Section 1.
US CERCLA Reportable quantity (RQ): None reported.

Methods and materials for containment and cleaning up

: Ventilate area of release. Stop spill or leak at source if safely possible. Contain material, preventing it from entering sewer lines or waterways. Using HEPA vacuum, or other dustless methods, gather up spilled material and place in suitable container for later disposal (see Section 13). Notify the appropriate authorities as required.

Prohibited materials : Avoid adding water. This product becomes alkaline when wet.

Environmental precautions : Do not allow product to enter drains or waterways. Do not allow material to contaminate ground water system.

Reference to other sections : See Section 13 for disposal information.

SECTION 7 – HANDLING AND STORAGE

Special instructions : Use ventilation to control levels of dust in the work area.

Safe handling procedures : Wear chemically resistant protective equipment during handling. Use in a well-ventilated area. Training the workers on the potential health hazards associated with product dust is important. Secondary inhalation exposures could occur when cleaning equipment, or when removing or laundering the clothing. Do not breathe dust. Avoid and control operations which create dust. Keep containers tightly closed when not in use. Wash hands and exposed skin thoroughly after handling.

Storage requirements : Store in a cool, dry place. Store away from heat and open flame. Avoid storing in direct sunlight. Store in original container. Keep tightly closed when not in use. Store locked up. Keep out of reach of children.

Incompatible materials : Keep away from strong acids and oxidizing agents. (See Section 10.)

Special packaging materials : Always keep in containers made of the same materials as the supply container.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Permissible Exposure Limits : No exposure limits have been established for the product itself. Below are exposure limits for the components in the product.

Ingredients	CAS #	ACGIH TLV		OSHA PEL	
		TWA	STEL	PEL	STEL
Plaster of Paris,	26499-65-0	10 mg/m ³	N/Av	15 mg/m ³	N/Av

Calcium sulfate hemihydrate		(inhalable)	(Total dust); 5 mg/m ³ (respirable)
Limestone, Calcium Carbonate	1317-65-3	TLV Withdrawn In 2007	15 mg/m ³ (Total dust); 5 mg/m ³ (respirable)
Crystalline Silica, Quartz	14808-60-7	0.025 mg/m ³ (respirable fraction)	0.05 mg/m ³ (respirable final rule limit)
Portland Cement	65997-15-1	1 mg/m ³ (respirable, with no asbestos and < 1% crystalline silica)	15 mg/m ³ (Total dust); 5 mg/m ³ (respirable)

Engineering Controls : Use general or local exhaust ventilation to maintain air concentrations below recommended exposure limits. Ventilation should effectively remove and prevent buildup of any vapor or mist generated from the handling of this product.

Personal Protection Equipment

Eye / face protection : Safety glasses must be worn when using this product. Additionally, a face shield is recommended if splashing is possible.

Skin protection : Wear chemical resistant protective clothing and impervious gloves. Glove materials such as nitrile rubber or Viton (fluorocarbon rubber) are recommended. Consult with the glove manufacturer for the breakthrough times of any chemicals listed on this Safety Data Sheet.

Body protection : Where extensive exposure to product is possible, use resistant coveralls, apron and boots to prevent contact.

Respiratory protection : If the work process generates excessive quantities of dust, or if exposure levels exceed any PEL, wear an appropriate particulate respirator (i.e. dust mask), rated N-95 or higher.

Site safety equipment : An eyewash station and safety shower should be made available in the immediate working area.

General hygiene considerations : Avoid contact with eyes, skin and clothing. Do not breathe vapors/dust. Do not eat, drink or smoke when using this product. Clean all equipment and clothing at end of each work shift.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: fine powder	Appearance	: White powder
Odor	: Cement odor	Odor threshold	: N/Av
pH	: 12 – 13	Specific gravity	: 2.7 – 3.1
Boiling point	: N/Av	Coefficient of water/oil distribution	: N/Av
Melting/Freezing point	: N/Av	Solubility in water	: < 55 g/L
Vapor pressure (mm Hg @ 20°C / 68°F)	: N/Av	Evaporation rate (n-Butyl acetate = 1)	: N/Av
Vapor density (Air = 1)	: N/Av	Volatiles (% by weight)	: N/Av
Volatile organic compounds (VOCs)	: 0 g/L	General information	: N/Av
Particle size	: N/Av	Flammability classification	: Not flammable
Flash point	: Not applicable	Lower flammable limit (% by vol)	: Not applicable
Flash point method	: Not applicable	Upper flammable limit (% by vol)	: Not applicable
Auto-ignition temperature	: N/Av	Oxidizing properties	: None
Flame projection length	: Not applicable	Flashback observed	: Not applicable
Explosion data: Sensitivity to mechanical impact / static discharge		: Not expected to be sensitive to mechanical impact or static discharge.	

SECTION 10 – REACTIVITY AND STABILITY INFORMATION

Reactivity : Reacts with water. Contact with water may cause hydration and formation of low levels of caustic calcium hydroxide. Reaction with water will cause the material to harden and become very hot – sometimes quickly.

- Stability** : Stable under the recommended storage and handling conditions prescribed.
- Hazardous reactions** : Hazardous polymerization does not occur. When reacted with water or when in contact with moist skin or eyes, this product becomes seriously irritating to eyes.
- Conditions to avoid** : High temperatures.
- Materials to avoid and incompatibility** : Oxidizing agents.
- Hazardous decomposition products** : None known, refer to hazardous combustion products in Section 5.

SECTION 11 – TOXICOLOGICAL INFORMATION

- Routes of exposure** : *Inhalation*: YES *Skin Absorption*: NO *Skin and Eyes*: Yes *Ingestion*: YES
- Symptoms of exposure** : See Section 4.
- Calculated Acute Toxicity Estimates for the Product**
- Inhalation* : Not Available
- Oral* : > 5000 mg/kg
- Dermal* : Not Available
- Toxicological data** : See below for individual ingredient acute toxicity data.

Ingredients	LC50 (4 hr)		
	Inhalation, rat	Oral, rat	LD50 Dermal, rabbit
Calcium sulfate	N/Av	> 3000 mg/kg	NAv
Calcium carbonate	N/Av	6450 mg/kg	N/Av
Crystalline Silica, Quartz	N/Av	N/Av	N/Av
Portland cement	N/Av	N/Av	N/Av

- Skin corrosion or irritation** : In the presence of moisture, this product may be irritating to skin.
- Serious eye damage / eye irritation** : Causes serious eye irritation.
- Respiratory or skin sensitization** : Portland cement may cause an allergic skin reaction in hypersensitive individuals, possibly due to trace amounts of chromium.
- Germ cell mutagenicity** : None known.
- Carcinogenic status** : This product contains Crystalline silica. Crystalline silica (respirable size) is classified as carcinogenic by inhalation by IARC (Group 1), ACGIH (Group A2), NTP (Group 1) and OSHA (OSHA Select carcinogen).
- Reproductive toxicity** : None known.
- Specific Target Organ Toxicity, Single Exposure** : May cause respiratory irritation.
- Specific Target Organ Toxicity, Repeated Exposure** : Prolonged inhalation may cause adverse lung effects with symptoms including coughing, mucous production, and difficulty breathing. Repeated or prolonged inhalation if fine dusts may cause severe scarring of the lungs, a disease called silicosis, and alveolar proteinosis (lower lung disease).
- Aspiration hazard** : None known.
- Additional information** : N/Av

SECTION 12 – ECOLOGICAL INFORMATION

- Environmental effects** : The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.
- Ecotoxicity** : No data available.
- Biodegradability** : No data available.
- Bioaccumulative potential** : No data available.
- Mobility in soil** : No data available.
- PBT and vPvB assessment** : No data available.
- Other adverse effects** : No data available.

SECTION 13 – DISPOSAL CONSIDERATION

- Handling for disposal** : Handle waste according to recommendations in Section 7.
- Methods of disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.
- Packaging** : Handle contaminated packaging in the same manner as the product.
- RCRA** : For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14 – TRANSPORTATION INFORMATION

Regulatory Information	UN Number	Shipping Name	Class	Packing Group	Label
TDG	None	This product is not regulated according to Canadian TDG regulations.	None	None	None
TDG Additional Information	None				
49 CFR/DOT	None	This product is not regulated according to US DOT regulations.	None	None	None
49 CFR/DOT Additional Information	None				

Not regulated by IMDG.
Not regulated by IATA.
Not a Marine Pollutant.

SECTION 15 – REGULATORY INFORMATION

Canadian Information:

This product has been classified according to the hazard criteria of the Hazardous Products Regulations (HPR). This SDS contains all information required by the HPR.

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on either the Domestic Substances List (DSL) or the Non- Domestic Substances List (NDSL).

US Federal Information:

TSCA: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

CERCLA Reportable Quantity (RQ) (40 CFR 117.302): None reported.

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes:

- Immediate (Acute) Health Hazard
- Chronic Health Hazard.

Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: This material is not subject to SARA notification requirements, since it does not contain any Toxic Chemical constituents above de minimus concentrations.

U.S. State Right to Know Laws

California Proposition 65: See product label for information regarding Proposition 65.

Other State Right to Know Laws:

Component	CAS No.	CA	MA	MN	NJ	NY	PA	RI
Limestone	1317-65-3	No	Yes	Yes	Yes	No	Yes	Yes
Portland cement	65997-15-1	No	Yes	Yes	Yes	No	Yes	Yes
Calcium sulfate	7778-18-9	No	Yes	Yes	Yes	No	Yes	No
Crystalline silica, quartz	14808-60-7	No	Yes	Yes	Yes	No	Yes	Yes

SECTION 16 – OTHER INFORMATION

HMIS Rating : * - Chronic Hazard 0 - Minimal 1 – Slight 2 – Moderate 3 – Serious 4 – Severe
Health: *3 Flammability 0 Physical Hazard 1 PPE: Gloves, safety glasses

Legend :

- ACGIH: American Conference of Governmental Industrial Hygienists
- CAS: Chemical Abstract Services
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- DOT: Department of Transportation
- DSL: Domestic Substances List
- EPA: Environmental Protection Agency
- GHS: Globally Harmonized System
- HPR: Hazardous Products Regulations
- IARC: International Agency for Research on Cancer
- Inh: Inhalation
- N/Av: Not Available
- N/Ap: Not Applicable
- NIOSH: National Institute of Occupational Safety and Health
- NTP: National Toxicology Program
- OSHA: Occupational Safety and Health Administration
- PEL: Permissible exposure limit
- RCRA: Resource Conservation and Recovery Act
- SARA: Superfund Amendments and Reauthorization Act
- STEL: Short Term Exposure Limit
- TDG: Canadian Transportation of Dangerous Goods Act & Regulations
- TLV: Threshold Limit Values
- TSCA: Toxic Substance Control Act
- TWA: Time Weighted Average
- WHMIS: Workplace Hazardous Materials Identification System

Disclaimer of Liability

The Information presented herein is supplied as a guide to those who handle or use this product and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive. The manner and conditions of use and handling may involve other and additional considerations. Safe work practices must be employed when working with any materials. It is important that the end user determines the adequacy of the safety procedures employed during the use of this product. No warranty of any kind is given or implied. ARDEX L.P. will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein.

Prepared By:
ARDEX L.P.
400 Ardex Park Drive
Aliquippa, PA, U.S.A.
15001

(724) 203-8000
Visit our Website: <http://www.ardexamericas.com>

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