



Perma Hold Glue

Royaltone
7211 N Harrison
Shawnee, OK 74804
405-878-0577

SAFETY DATA SHEET

Revision Date: April 20, 2015
Rev. 7.0

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Product name: Perma Hold Glue
Product description: Vinyl acetate polymer dispersion in water
Synonyms: Acetic acid, ethenyl ester, homopolymer
Product CAS#: 9003-20-7

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

Recommended use: Adhesives and sealants.
Uses advised against: This product is not recommended for any industrial, professional or consumer use other than the identified uses above.

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

Manufacturer: Royaltone
7211 N Harrison
Shawnee, OK 74804
405-878-0577

EMERGENCY PHONE NUMBERS:

Manufacturer: 405-878-0577 Monday -Friday 8am-4pm Central Time Zone USA
CHEMTREC: 1-800-424-9300 or 1-703-527-3887

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:

OSHA HCS 2012 GHS classification paragraph (d) of 29 CFR 1910.1200: Carcinogenicity, Category 2.
Globally Harmonized System of Classification and Labeling (UN-GHS): Carcinogenicity, Category 2.
Canadian Hazardous Products Regulations (HPR) classification WHMIS 2015: Carcinogenicity, Category 2.

GHS LABEL ELEMENTS:

Pictogram:



Signal word: Warning
Hazard statement(s): Suspected of causing cancer.

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Precautionary statement(s): P201-Obtain special instructions before use.
P202-Do not handle until all safety precautions have been read and understood.
P280-Wear protective gloves/protective clothing/eye protection.
P308+P313-If exposed or concerned: Get medical advice/attention.
P405-Store locked up.
P501-Dispose of contents/container in accordance with local/national/international regulations.

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): None

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS #	Weight Percent
Vinyl acetate polymer	9003-20-7	54-56
Water	7732-18-5	44-46
Vinyl acetate	108-05-4	<1.0
Hydrolyzed polyvinyl alcohol	9002-89-5	>1.0

SECTION 4. FIRST-AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

INHALATION: If breathing is difficult, remove person to fresh air and keep comfortable for breathing.
If experiencing respiratory symptoms: Call a doctor.

SKIN CONTACT: Wash with plenty of water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: Get medical advice/attention.

INGESTION: Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Get medical attention.

MOST IMPORTANT SYMPTOMS OR EFFECTS THAT ARE ACUTE OR DELAYED: Not expected.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY: Not expected.

SECTION 5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:

Suitable extinguishing media: Aqueous product. For fires involving dried material use water, carbon dioxide, dry chemicals, or foam.

Unsuitable extinguishing media: None known.

SPECIAL HAZARDS ARISING FROM THE CHEMICAL:

Not sensitive to static discharge. Carbon monoxide and carbon dioxide are the thermal decomposition products.

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PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS:

If product is present in fire and threat of decomposition exists, wear full firefighting turn-out gear (full Bunker gear) and self-contained breathing apparatus (SCBA) with full-face piece. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use personal protective equipment recommended in Section 8. Ensure adequate ventilation. See section 5 for fire-fighting information.

ENVIRONMENTAL PRECAUTIONS:

Prevent spilled product or contaminated wash water from entering drinking water supplies, drains, sewers, ditches, and waterways.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANUP:

Contain liquid spills using a barrier of inert material such as sand or by diking the area. Absorb spilled liquids using an inert material such as sand or earth. Scoop or shovel absorbed material into containers. Avoid creating dust during transfer of solids. Dispose of contents in accordance with local, state or national legislation.

OTHER INFORMATION:

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Do not handle until all safety precautions have been read and understood. Handle in accordance with good industrial hygiene and safety practices. Avoid contact with eyes, skin, and clothing. Avoid breathing mist or vapor. Check protective clothing particularly impervious gloves, for leaks before use. Wash thoroughly after handling. Wash contaminated clothes before re-use. Use only with adequate ventilation.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

To protect product quality avoid storage temperature extremes less than 40° F or greater than 100° F. Keep container tightly closed when not in use. Use only with adequate ventilation.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

Component(s)
Vinyl acetate

ACGIH TLV
10ppm TWA (35 mg/m³ TWA)
15ppm STEL (53 mg/m³ STEL)

OSHA PEL
not established

BIOLOGICAL LIMIT VALUES:

None known

ENGINEERING CONTROLS:

Use exhaust ventilation, if needed, to keep airborne concentrations below exposure limits. It is recommended that exposure monitoring be part of the decision process.

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PERSONAL PROTECTION:

Respiratory protection:	No special requirements with adequate ventilation. A NIOSH-approved air-purifying respirator with an organic vapor cartridge or canister may be required under certain circumstances where airborne concentrations are expected to exceed exposure limits
Hand protection:	Wear impervious gloves
Eye/face protection:	Wear safety glasses with side shields (or goggles). Wear chemical splash goggles when eye and face contact is possible due to splashing or spraying of material.
Skin and body protection:	Wear chemical resistant clothing, as appropriate, when skin contact is possible due to splashing or spraying of material.
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapor or mist. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Milky-white
Odor:	Slight vinegar
Odor threshold:	Vinyl acetate 0.11-0.55 ppm
pH:	4.5-6.0
Melting point/freezing point:	-0° C (-32° F)
Initial boiling point and boiling range:	-100° C (-212° F)
Flash point:	Noncombustible
Evaporation rate:	~ same as water
Flammability:	Not applicable
Upper/lower flammability or explosive limits:	Not applicable
Vapor pressure:	~ same as water
Vapor density:	~ same as water
Relative density:	1.1
Solubility(ies):	Miscible in water
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not determined
Viscosity:	1500-2000 centipoises (Brookfield #3@60rpm)

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:	Stable
CHEMICAL STABILITY:	Stable
POSSIBILITY OF HAZARDOUS REACTIONS:	None known
CONDITIONS TO AVOID:	None known
INCOMPATIBLE MATERIALS:	None known
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide and carbon dioxide are the thermal decomposition products

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SECTION 11. TOXICOLOGICAL INFORMATION

Information On Toxicological Effect: Data obtained on this product or a similar product

LIKLEY ROUTES OF EXPOSURE:

Inhalation:	Not classified as a respiratory irritant.
Ingestion:	Not classified as toxic by ingestion.
Skin:	Not classified as a skin irritant.
Eye:	Not classified as an eye irritant.
Chronic effects:	Possible cancer hazard – May cause cancer based on animal data. Vinyl acetate: IARC (Group 2B) and ACGIH (Group A3).

SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:

Not expected.

DELAYED AND IMMEDIATE EFFECTS AND ALSO CHRONIC EFFECTS FROM SHORT- AND LONG-TERM EXPOSURE:

Not expected.

NUMERICAL MEASURES OF TOXICITY:

Acute Toxicity:	Not classified as toxic. Oral rat LD50 > 25,000 mg/kg. Component: Vinyl acetate (108-05-4) Oral rat LD50 > 2000 mg/kg.
Skin Corrosion/Irritation:	Not classified as a skin irritant.
Serious Eye Damage/Irritation:	Not classified as an eye irritant. Component: Vinyl acetate (108-05-4) causes severe eye irritation.
Respiratory/Skin Sensitization:	Not available.
Germ Cell Mutagenicity:	Not available.
Carcinogenicity:	No test data available.
Reproductive Toxicity:	Not available.
STOT-Single Exposure:	Not available.
STOT-Repeated Exposure:	Not available.
Aspiration Hazard:	Not available.

CARCINOGENICITY: According to definitions of the U.S. Hazard Communication Standard, vinyl acetate is a possible cancer hazard by IARC (Group 2B) and ACGIH (Group A3). May cause cancer based on animal data.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:	Data is not available.
PERSISTENCE AND DEGRADABILITY:	Data is not available.
BIOACCUMULATIVE POTENTIAL:	Data is not available.
MOBILITY IN SOIL:	Data is not available.
OTHER ADVERSE EFFECTS:	This product does not contain nor was it manufactured with Class I or Class II ozone depleting substances as defined by the Clean Air Act Amendments of 1990.

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal must be in accordance with current applicable laws and regulations and material characteristics at time of disposal. Dispose through suitably qualified or licensed contractor and in accordance with governmental regulations.

Disposal recommendations based on material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations.

This product is not a federal hazardous waste according to U.S. EPA regulation 40 CFR 261. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulation.

SECTION 14. TRANSPORTATION INFORMATION

UN Number:	Not regulated
UN Proper Shipping Name:	SYNTHETIC LATEX/LIQUID RUBBER, NMFC# 171720
Transport hazard class:	Not regulated.
Packing group number:	Not regulated.
Marine pollutant:	No
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	Not determined.
Land transport (DOT/ADR/RID):	Not classified as dangerous for transport
Canada (TDG):	Not classified as dangerous for transport
Sea transport (IMDG Code):	Not classified as dangerous for transport
Air transport (ICAO/IATA):	Not classified as dangerous for transport

Please refer to the Bill of Lading for the most up to date shipping information for this container size and mode of transport.

SECTION 15. REGULATORY INFORMATION

INTERNATIONAL INVENTORY LISTINGS

USA (TSCA) INVENTORY:	Listed
CANADIAN (DSL) INVENTORY:	Listed on DSL
EUROPEAN (EINECS) INVENTORY:	All ingredients conform to the EU requirements

U.S. REGULATORY INFORMATION

OSHA HAZARDS: This material is considered hazardous by the OSHA Hazard Communication Standard (29CFR 1910.1200).

SARA 311/312 Hazard class: Delayed (chronic) health hazard.

SARA (313) CHEMICALS - Ingredients present in products that may require reporting under Section 313 of SARA Title III as defined in 40 CFR 372. Vinyl acetate CAS#108-05-4.

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Massachusetts Right to Know Components: According to definitions and limitations of the regulation there are no hazardous chemicals present that are listed in the Mass Substance list at quantities greater than 1%.

Pennsylvania Right to Know Components: According to definitions and limitations of the regulation there are no hazardous ($\geq 1\%$), special hazardous ($\geq 0.01\%$), or environmental hazards ($\geq 1\%$) substances present in the product.

New Jersey Right to Know Components: Vinyl acetate (108-05-4), Acetaldehyde (75-07-0).

CALIFORNIA PROPOSITION 65 Warning Statement: **WARNING:** This product contains a chemical known to the State of California to cause cancer. Acetaldehyde (75-07-0).

CANADIAN REGULATORY INFORMATION:

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the Hazardous Products Regulations.

This product is a controlled product under the Hazardous Controlled Products Regulations (HPR) WHMIS 2015. Carcinogenicity, Category 2.

Please contact us at info@onssp.com to request additional information on this product, if required.

SECTION 16. OTHER INFORMATION

Date of preparation of the latest revision: April 20, 2015
Changes made since last revision: Address updated. Updated to meet WHMIS 2015 GHS requirements.
File code: OSP_SDS_DK17200_USCAN_E_Rev 7.0

Key/legend to abbreviations and acronyms:

Abbreviations and acronyms:

ACGIH	American Conference of Industrial Hygienists
CAS#	Chemical Abstracts Service number
IARC	International Agency for Research on Cancer
LD	lethal dosage
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limits
TLV	Threshold limit value
TSCA	Toxic Substances Control Act
TWA	Time weighted average
SEN	Potential for Sensitization
STEL	Short Term Exposure Limit
STOT	Specific Target Organ Toxicity