



Revision Number: 001.1

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** Resistol 5000 ST **IDH number:** 1888918  
**Product type:** 1-component-polyurethane adhesive  
**Restriction of Use:** None identified **Region:** Mexico  
**Company address:** **Contact information:**  
 Henkel Capital S.A. de C.V. Telephone: +52 (55) 33003000  
 Boulevard Magnocentro 8 – P2 SETIQ,, Telephone 01-800-00-214-00 (5559-1588)  
 Huixquilucan Edo. de Mexico, C.P. 52760

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:** H225 - HIGHLY FLAMMABLE LIQUID AND VAPOR.  
 H315 - CAUSES SKIN IRRITATION.  
 H319 - CAUSES SERIOUS EYE IRRITATION.  
 H335 - MAY CAUSE RESPIRATORY IRRITATION.  
 H336 - MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	2
SKIN IRRITATION	2
EYE IRRITATION	2A
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3

**PICTOGRAM(S)**



**Precautionary Statements**

- Prevention:**
- P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.
  - P233 - Keep container tightly closed.
  - P240 - No release into water.
  - P241 - Use explosion-proof equipment.
  - P242 - Use non-sparking tools.
  - P243 - Take action to prevent static discharges.
  - P261 - Avoid breathing vapors, mist, or spray.
  - P264 - Wash affected area thoroughly after handling.
  - P271 - Use only outdoors or in a well-ventilated area.
  - P280 - Wear protective gloves, eye protection, and face protection.

**Response:** P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.  
P304+P340+P312 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P332+P313 - If skin irritation occurs: Get medical attention.  
P337+P313 - If eye irritation persists: Get medical attention.  
P362 - Take off contaminated clothing.  
P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

**Storage:** P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.

**Disposal:** P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with NOM-018-STPS-2015 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	UN no.:	Percentage*
Acetone	67-64-1	1090	60 - 70
Ethyl acetate	141-78-6	1173	20 - 30

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

### 4. FIRST AID MEASURES

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**Skin contact:** Clean with mild cleaning agent, then wash with water and mild soap ; Skin Care.

**Eye contact:** Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Ingestion:** Rinse mouth, do not induce vomiting, consult a doctor.

**Symptoms:** See Section 11.

### 5. FIRE FIGHTING MEASURES

**Extinguishing media:** carbon dioxide, foam, powder, water spray jet, fine water spray

**Special firefighting procedures:** Wear respiratory protection equipment according to ambient air conditions.

**Unusual fire or explosion hazards:** In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

Hazardous combustion products: Carbon dioxide. carbon monoxide

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:** Do not empty into drains / surface water / ground water.

**Clean-up methods:** Take up with liquid-absorbing material (sand). Store in a closed container until ready for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Keep container tightly sealed. Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains. No smoking. Avoid open flames.

**Storage:** Ensure adequate ventilation. Store in sealed original container. Store in a dry place. Store away from heat, sparks, flames, or other sources of ignition.

## 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
Acetone	250 ppm TWA 500 ppm STEL	1,000 ppm (2,400 mg/m3) PEL	None	None
Ethyl acetate	400 ppm TWA	400 ppm (1,400 mg/m3) PEL	None	None

**Engineering controls:** Ensure good ventilation/extraction. Use only in well ventilated areas.

**Respiratory protection:** Ensure adequate ventilation. Suitable breathing mask. Respiratory protection:

**Eye/face protection:** Protective goggles

**Skin protection:** Antistatic protective clothing apron

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** liquid  
**Color:** transparent  
**Odor:** Solvent  
**Odor threshold:** Not available.  
**pH:** Not available.  
**Vapor pressure:** 180 mbar no method  
**Boiling point/range:** 57 °C (134.6 °F)None  
**Melting point/ range:** -94 °C (-137.2 °F)  
**Vapor density:** Not available.  
**Flash point:** -15 °C (5°F) Estimated  
**Flammable/Explosive limits - lower:** 2.5 %  
**Flammable/Explosive limits - upper:** 12.5 %  
**Autoignition temperature:** Not available.  
**Flammability:** Not applicable  
**Evaporation rate:** Not available.  
**Solubility in water:** Not available.  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** Not available.

**Viscosity:** 2,500 - 3,500 mPa.s  
**Decomposition temperature:** Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Instability caused by elevated temperatures.

**Reactivity:** Not available.

**Hazardous reactions:** None under normal processing.

**Hazardous decomposition products:** In the event of a fire, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) are released. In the event of a fire, hydrochloric acid gas may be released.

**Incompatible materials:** Strong oxidizing agents. Reaction with strong bases Reaction with strong acids.

**Conditions to avoid:** Keep away from sources of ignition and naked flames. Stable under recommended storage conditions. Temperatures over appr. 50 °C

## 11. TOXICOLOGICAL INFORMATION

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

**Potential Health Effects/Symptoms**

**Inhalation:** Toxic by inhalation.  
**Skin contact:** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitisation of susceptible persons.  
**Eye contact:** Vapors may also produce eye irritation.  
**Ingestion:** Toxic if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
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	Central nervous system, Irritant
Ethyl acetate	Oral LD50 (Rat) = 5.6 g/kg Oral LD50 (Mouse) = 0.44 g/kg	Blood, Central nervous system, Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Acetone	No	No	No
Ethyl acetate	No	No	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Toxic to aquatic organisms The ecological evaluation of the product is based on data from the raw material and/or comparable substances. Do not empty into drains, soil or bodies of water.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Dispose of in accordance with local and national regulations.

### 14. TRANSPORT INFORMATION

**Road transport ADR:**

**Proper shipping name:** ADHESIVES  
**Hazard class or division:** 3  
**Identification number:** UN 1133  
**Packing group:** II

**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

No additional information

### 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

**Prepared by:** Product Safety and Regulatory Affairs  
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**DISCLAIMER:** This information is considered correct, but it's not exhaustive and will be used only as a guide, which is based on current knowledge of the chemical substance(s) and/or mixture and apply to the appropriate product for safety precautions.

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