



Revision Number: 002.0

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1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Resistol 5000 automotriz **IDH number:** 1888919
Product type: Contact adhesive
Restriction of Use: None identified **Region:** Mexico
Company address: **Contact information:**
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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: H225 - HIGHLY FLAMMABLE LIQUID AND VAPOR.
 H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS.
 H315 - CAUSES SKIN IRRITATION.
 H319 - CAUSES SERIOUS EYE IRRITATION.
 H335 - MAY CAUSE RESPIRATORY IRRITATION.
 H336 - MAY CAUSE DROWSINESS OR DIZZINESS.
 H361 - SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	2
SKIN IRRITATION	2
EYE IRRITATION	2A
REPRODUCTIVE TOXICITY	2
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3
ASPIRATION HAZARD	1

PICTOGRAM(S)



Precautionary Statements

- Prevention:**
- P201 - Obtain special instructions before use.
 - P202 - Do not handle until all safety precautions have been read and understood.
 - 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, clothing, eye and face protection.

Response: P301+P310 - IF SWALLOWED: Immediately call a physician or poison control center.
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.
P308+P313 - IF exposed or concerned: Get medical attention.
P331 - Do NOT induce vomiting.
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*
Ethyl acetate	141-78-6	1173	30 - 40
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	64742-49-0		20 - 30
Distillates petroleum, hydrotreated light, <0.1% benzene	64742-47-8		10 - 20
Methyl isobutyl ketone	108-10-1	1245	5 - 10
Cyclohexane	110-82-7	1145	1 - 5
n-Hexane	110-54-3	1208	0.1 - 1

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

4. FIRST AID MEASURES

Inhalation: Immediately remove victim to fresh air. Get medical attention.

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 (CO₂) 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: Store in sealed original container. Ensure adequate ventilation. Store in a dry place.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

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
Ethyl acetate	400 ppm TWA	400 ppm (1,400 mg/m ³) PEL	None	None
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	None	100 ppm (400 mg/m ³) PEL	None	None
Distillates petroleum, hydrotreated light, <0.1% benzene	None	None	None	None
Methyl isobutyl ketone	20 ppm TWA 75 ppm STEL	100 ppm (410 mg/m ³) PEL	None	None
Cyclohexane	100 ppm TWA	300 ppm (1,050 mg/m ³) PEL	None	None
n-Hexane	50 ppm TWA (SKIN)	500 ppm (1,800 mg/m ³) PEL	None	None

Engineering controls: Ensure good ventilation/suction at the workplace.

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: Amber
Odor: Solvent
Odor threshold: Not available.
pH: Not available.

Vapor pressure:	Not available.
Boiling point/range:	Not available.
Melting point/ range:	Not available.
Vapor density:	Not available.
Flash point:	-4 °C (24.8 °F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
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:	300 - 1,000 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 ₂) and nitrogen oxides (NO _x) are released. In the event of a fire, hydrochloric acid gas may be released.
Incompatible materials:	Strong oxidizing agents.
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
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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. May cause an aspiration hazard if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Ethyl acetate	Oral LD50 (Rat) = 5.6 g/kg Oral LD50 (Mouse) = 0.44 g/kg	Blood, Central nervous system, Irritant
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	None	No Data
Distillates petroleum, hydrotreated light, <0.1% benzene	None	Irritant, Lung
Methyl isobutyl ketone	Oral LD50 (Rat) = 2,080 mg/kg Dermal LD50 (Rabbit) = > 16,000 mg/kg	Irritant, Central nervous system
Cyclohexane	Oral LD50 (Rat) = 29,820 mg/kg Oral LD50 (Mouse) = 1,300 mg/kg	Irritant, Central nervous system
n-Hexane	Oral LD50 (Rat) = 28,710 mg/kg Dermal LD50 (Rabbit) = > 2,000 mg/kg	Developmental, Irritant, Lung, Nervous System, Reproductive

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Ethyl acetate	No	No	No
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics	No	No	No
Distillates petroleum, hydrotreated light, <0.1% benzene	No	No	No
Methyl isobutyl ketone	No	Group 2B	No
Cyclohexane	No	No	No
n-Hexane	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 (n-Heptane)
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II
Marine pollutant:	n-Heptane

15. REGULATORY INFORMATION

No additional information

16. OTHER INFORMATION

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

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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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