

CRC® QD® RVP™ Contact Cleaner

DIRECTIONS: Read entire label before using this product. 1. Do not apply while equipment is energized. 2. Shut off power supply, be sure all stored power is drained from system and allow hot surfaces to cool before using product. 3. For optimum results, remove loose surface contaminants with CRC Duster™ before applying QD® RVP™ Contact Cleaner. 4. Tilt surface and apply QD® RVP™ Contact Cleaner using an intermittent spray pattern. Allow excess to run off. 5. Allow product to dry completely and thoroughly vent system before restoring power. If necessary, repeat step 4 until surface meets desired cleanliness.

Instrucciones: Lea la etiqueta completa antes de usar este producto. 1. No aplicar con el equipo con corriente eléctrica. 2. Desconecte el suministro eléctrico, asegúrese de que toda energía almacenada se drene del sistema y permita que las superficies calientes se enfríen antes de usar el producto. 3. Para resultados óptimos, retire los contaminantes flojos de la superficie con CRC Duster™ antes de aplicar el Limpiador de Contacto QD® RVP™. 4. Inclíne la superficie y aplique el Limpiador de Contacto QD® RVP™ utilizando un patrón de pulverización intermitente. Permita que escurra el exceso. 5. Deje que el producto se seque por completo y ventile bien el sistema antes de restaurar el suministro eléctrico. Si fuera necesario, repita el paso 4 hasta que la superficie esté lo suficientemente limpia.

Danger: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness.



Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation: maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing gas, mist or vapor. Wear protective gloves. Wash thoroughly after handling. Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst. Dispose of contents/container in accordance with local/regional/national regulations.

First Aid: If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

Contains Heptane isomers (142-82-5, 589-34-4, 591-76-4, 565-59-3, 562-49-2), methylcyclohexane (108-87-2), carbon dioxide (124-38-9), 2-butoxyethanol (111-76-2), isopropyl alcohol (67-63-0) and 2,2,4-trimethylpentane (540-84-1). Deliberate misuse by concentrating and inhaling the contents is illegal and can be harmful or fatal. Inhalation abuse can cause death. For additional information, consult SDS for this product.

Electrical Shock Hazard: This can will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

Peligro: Aerosol extremadamente inflamable. Contiene gas a presión; puede explotar si se calienta. Puede ser mortal en caso de ingestión y de penetración en las vías respiratorias. Provoca irritación cutánea. Puede provocar somnolencia o vértigo.

Consejos de prudencia: Mantener alejado del calor/de chispas/de llamas al descubierto/de superficies calientes. - No fumar. No vaporizar sobre una llama al descubierto o cualquier otro fuente de ignición. Recipiente a presión: No perforar ni quemar, incluso después del uso. No aplique el producto sobre un equipo conectado. Aquece todas las llamas, pilotos y calefactores. El vapor se acumulará rápidamente y puede inflamarse. Utilice solo con ventilación adecuada; mantenga la ventilación durante la utilización del producto hasta que el vapor haya desaparecido. Abra las puertas y ventanas y utilice otros medios para asegurar la provisión de aire fresco al utilizar el producto y mientras se este secando. Si presenta algunos de los síntomas enumerados en esta etiqueta, aumente la ventilación o deje el área. Evitar respirar gases. Evitar respirar nieblas o vapores. Usar guantes de protección. Lave cuidadosamente después de la manipulación.

Primeros Auxilios: En caso de ingestión: Llamar inmediatamente a un centro de toxicología o a un médico. No provoque vómitos. Si ocurre irritación de la piel: Busque atención médica. Quitar la ropa contaminada y lavarla antes de volver a usarla. En caso de inhalación: Transportar la persona al aire libre y mantenerla en una posición que le facilite la respiración. Llamar a un CENTRO DE TOXICOLOGÍA o a un médico si la persona se encuentra mal.

Su mal uso deliberado, concentrando e inhalando su contenido es ilegal y puede ser perjudicial o fatal. La inhalación abusiva puede causar la muerte. Para mayor información, consulte la Hoja de Datos de Seguridad para este producto.

Peligro de Descarga Eléctrica: Esta lata conduce la electricidad. Mantenga fuera del alcance de todas las fuentes eléctricas vivas, incluso bombes de baterías, solenoides, tableros eléctricos y otros componentes electrónicos. Pasar por alto esta advertencia puede derivar en lesiones graves provocadas por fuego explosivo y/o descarga eléctrica.

Not for use in California. See SDS for additional OTC/LADCO state sales restrictions.

©2016 CRC Industries, Inc., 885 Louis Dr., Warminster, PA 18974 Made in U.S.A. 16A CRC# 841
800-521-3168 (Technical Information) • 800-272-4620 (Customer Care) • 215-442-6260 (SDS) www.crcindustries.com



QD® RVP™ Contact Cleaner

Limpiador de Contacto

**Quick Drying Formula
Reduced Vapor Pressure
Leaves No Residue • Removes Dirt and Oil**

**Fórmula de secado rápido
Presión de vapor reducida
No deja residuo • Elimina suciedad y aceite**



**DANGER: EXTREMELY
FLAMMABLE. HARMFUL OR
FATAL IF SWALLOWED.
CAUSES SKIN IRRITATION.
CONTENTS UNDER PRESSURE.
KEEP AWAY FROM CHILDREN.
Read warnings on back panel.**

**PELIGRO: EXTREMAMENTE
INFLAMABLE. SU INGESTIÓN
ES PERJUDICIAL O MORTAL.
PROVOCA IRRITACIÓN CUTÁNEA.
CONTENIDO BAJO PRESIÓN.
MANTENGA FUERA DEL
ALCANCE DE LOS NIÑOS.
Lea las advertencias en el dorso.**



No. 03320
Net Wt./Peso Neto
11 oz (311 g)

To review S.D.S.: Tear (DO NOT CUT) label along these perforations and fold back label. After viewing, reattach label. Do not completely remove label until can is empty. Para revisar la Hoja de Datos de Seguridad (HDS): Resegue (NO CORTE) la etiqueta siguiendo estas perforaciones y dóblala hacia atrás. Al terminar, vuelva a pegar la etiqueta. No la retire completamente hasta que la lata esté vacía.

1. Identification

Product identifier: QD® RVP™ Contact Cleaner

Product code 03320

Recommended use Precision cleaner

Restrictions None known.

Manufactured or sold by: CRC Industries, Inc., 885 Louis Drive, Warminster, PA 18974

Phone: 215-674-4300

Emergency phone number CHEMTREC - 24 HOURS: 800-424-9300

2. Hazard(s) identification

Physical hazards Flammable aerosols (Category 1)

Gases under pressure (Compressed gas)

Health hazards Skin corrosion/irritation (Category 2)

Specific target organ toxicity, single exposure

(Category 3 narcotic effects)

Aspiration hazard (Category 1)

Label elements (see front side of label)

3. Composition/information on ingredients

Hazardous components

Chemical name	CAS number	%
heptane isomers	various	70 – 80
methylcyclohexane	108-87-2	10 – 20
carbon dioxide	124-38-9	3 – 5
2-butoxyethanol	111-76-2	1 – 3
isopropyl alcohol	67-63-0	1 – 3
2,2,4-trimethylpentane	540-84-1	< 1

(Specific chemical identity and/or percentage of composition has been withheld as a trade secret.)

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin contact Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice.

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Call a physician or poison control center immediately. Rinse mouth.

Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

Most important symptoms/effects May cause drowsiness, dizziness, headache, nausea and vomiting. Skin irritation. May cause redness and pain.

Special treatment needed Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Carbon dioxide (CO₂). Dry chemical powder, sand or earth for small fires only.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards Contents under pressure. Pressurized container may rupture when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Material will float and may ignite on surface of water.

Special protective equipment and precautions for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions Do not touch damaged containers or spilled material unless wearing appropriate protective equipment. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained.

Containment and cleaning up Eliminate all ignition sources. Keep combustibles away from spilled material. Absorb in vermiculite, dry sand, earth or other absorbent material and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

7. Handling and storage

Handling Pressurized container: Do not pierce or burn, even after use. When using, do not eat, drink or smoke. Do not get in eyes, on skin, or on clothing. Avoid breathing gas, mist or vapor. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling.

Storage Store in a cool, dry place (below 122°F/50°C) and out of direct sunlight. Store in a well-ventilated place. Keep away from heat, sparks and open flame. This material can accumulate static charge which may cause spark and become an ignition source. Avoid spark promoters.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Type	Value
2,2,4-trimethylpentane	PEL	500 ppm
2-butoxyethanol	TWA	20 ppm
carbon dioxide	TWA	5000 ppm
isopropyl alcohol	TWA	200 ppm
methylcyclohexane	TWA	400 ppm
heptane isomers	TWA	400 ppm

Appropriate engineering controls Mechanical ventilation or local exhaust ventilation is recommended.

Individual protection measures:

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection Wear protective gloves such as nitrile, Viton®, PVA. Wear appropriate clothing to prevent skin contact.

Respiratory protection If needed, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Wear positive pressure self-contained breathing apparatus (SCBA) in case of emergency.

9. Physical and chemical properties

Appearance Clear water-white liquid.

Odor threshold Not available.

Melting point/freezing point -196 °F (-127 °C)

Flash point 15 °F (-9.4 °C) Tag Closed Cup

Explosive limit - lower (%) 0.9

Vapor pressure 2759 hPa

Relative density 0.73

Partition coefficient (n-octanol/water) Not available.

Auto-ignition temperature 446 °F (230 °C)

Decomposition temperature Not available.

VOC (Weight %): 95.3% (5.5 lbs/gal, 662.1 g/l)

Odor Mild solvent.

pH Not available.

Initial boiling point 180 °F (82 °C)

Evaporation rate Fast

Explosive limit - upper (%) 12

Vapor density 3.5 (Air = 1)

Solubility(ies) Insoluble.

Viscosity Not available.

10. Stability and reactivity

Reactivity Non-reactive

Chemical stability Stable

Possibility of hazardous reactions No

Conditions to avoid Heat, flames and sparks. Incompatible materials.

Incompatible materials Strong acids and bases. Strong oxidizing agents.

Hazardous decomposition products Carbon oxides. Hydrocarbon fumes and smoke.

11. Toxicological information

Information on likely routes of exposure:

Ingestion May be fatal if swallowed and enters airways.

Inhalation May cause drowsiness, dizziness, headache, nausea and vomiting.

Skin contact Causes skin irritation. May be harmful if absorbed through skin if contact is repeated and prolonged.

Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics Skin irritation. Narcotic effects.

Information on toxicological effects:

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization Not expected to cause skin sensitization.

Carcinogenicity Not considered to be a carcinogen by IARC, ACGIH, NTP or OSHA.

Reproductive toxicity Not expected to cause reproductive or developmental effects.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

12. Ecological information

See full SDS for additional information

13. Disposal considerations

Disposal instructions This material must be disposed of as hazardous waste.

Hazardous waste code D001: Waste Flammable liquid

14. Transport information

DOT shipping description: UN1950, Aerosols, flammable, 2.1, limited quantity

15. Regulatory information

SARA 313 2-butoxyethanol

See full SDS for additional information

16. Other information

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