

MATERIAL SAFETY DATA SHEET

Generated 14 Jul. 08, Date Created 09/08/1996

SECTION 1. Product and Company Identification

PC141 Flux Remover

Product Code: 2PCBCLEAN
Product Name: PC141

Manufacturer Information

Company Name: Distributed by:
Run Rite Electronics cc
12 Cunningham Rd
Moseley Queensburgh

Emergency Contact: Rob 0828052824

Chemical Family: Alcohol Mixture

SECTION 2. Composition/Information on Ingredients

PC141 Flux Remover

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV	Other Limits
Isopropyl alcohol	67-63-0	70.0 %	400 ppm	400 ppm	No data.
1,1-dichloro-1-flouroethane	1717-0 0-6	30.0%	No data	No data	No data

SECTION 3. Hazards Identification

PC141 Flux Remover

Emergency Overview

No data available.

Route(s) of Entry: Inhalation Yes , Skin? Yes , Eyes? Yes , Ingestion? Yes

Potential Health Effects (Acute and Chronic)

INHALATION: Major route of exposure. Vapour is heavier than air and can cause suffocation by reducing the available oxygen for breathing. Breathing high concentrations of vapour may cause light-headedness, shortness of breath, confusion and may lead to narcosis, cardiac irregularities, or unconsciousness. Inhalation of large concentrations in a closely confined area may be fatal.

EYES: Liquid contact will irritate eyes and may cause conjunctivitis.

SKIN: Not a corrosive or irritant, however repeated or prolonged exposure may cause defatting of the skin

INGESTION: Single dose toxicity is low to moderate. If vomiting occurs the liquid can be aspirated into the lungs, which can cause chemical pneumonia and systematic effects. Human psychotropic, gastrointestinal and central nervous system effects possible

Signs and Symptoms Of Exposure

Early to moderate CNS depression may be evidenced by giddiness, headache, dizziness and nausea; in extreme cases, unconsciousness, respiratory depression and death may occur.

Medical Conditions Generally Aggravated By Exposure

Pre-existing eye and/or skin irritation, respiratory, and/or digestive disorders.

SECTION 4. First Aid Measures

PC141 Flux Remover

Emergency and First Aid Procedures

INHALATION = Remove victim to fresh air and provide oxygen if breathing is difficult. Obtain medical attention.

SKIN CONTACT = Flush skin with plenty of water. If irritation occurs, seek medical attention.

INGESTION = Do not give liquids if victim is unconscious or drowsy. Otherwise give no more than 2 glasses of water and induce vomiting. Obtain medical attention.

EYE CONTACT = Immediately flush eyes with plenty of water for at least 15 minutes. Obtain medical attention.

SECTION 5. Fire Fighting Measures

PC141 Flux Remover

Flash Pt: 21C Method Used: open cup

Explosive Limits: LEL: 2% UEL: 12%

Autoignition Pt: 425C

Fire Fighting Instructions

Warning. **Flammable.** Clear fire area of unprotected personnel. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

Flammable Properties and Hazards

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure

buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

Extinguishing Media

Use water spray, water fog, "alcohol" foam, dry chemical or CO2

Unsuitable Extinguishing Media

No data available.

SECTION 6. Accidental Release Measures

PC141 Flux Remover

Steps To Be Taken In Case Material Is Released Or Spilled

Keep out of surface waters, sewers, and waterways entering or leading to surface waters. Notify authorities if any exposure to the general public or environment occurs or is likely to occur.

SECTION 7. Handling and Storage

PC141 Flux Remover

Precautions To Be Taken in Handling

Avoid heat or sparks.

Other Precautions

None known.

SECTION 8. Exposure Controls/Personal Protection

PC141 Flux Remover

Respiratory Equipment (Specify Type)

A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Eye Protection

Wear chemical goggles to protect eyes.

Protective Gloves

Wear chemical resistant gloves.

Engineering Controls (Ventilation etc.)

Provide local exhaust ventilation and supply fresh air to maintain a safe work environment.

Work/Hygienic/Maintenance Practices

Safety showers and eye wash stations should be available.

Odor Threshold; Isopropanol = 43 ppm.

SECTION 9. Physical and Chemical Properties

PC141 Flux Remover

Physical States:

Gas Liquid Solid

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
Isopropyl alcohol	67-63-0	n.a.	n.a.	A4	n.a.
1,1 dichlorofluoroethane	1717-00-6	n.a.	n.a.	n.a.	n.a.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 12. Ecological Information

PC141 Flux Remover

Ecological Information

No data available.

SECTION 13. Disposal Considerations

PC141 Flux Remover

Waste Disposal Method

Under EPA-RCRA (40 CFR 261), If this product becomes a waste material, it is not hazardous waste. Refer to latest EPA or state regulations regarding proper disposal.

SECTION 14. Transport Information

PC141 Flux Remover

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name

No data available.

DOT Hazard Label:

Consumer Commodity ORM-D

SECTION 15. Regulatory Information

PC141 Flux Remover

No data available.

SECTION 16. Other Information

PC141 Flux Remover

Additional Information About This Product

Selective solvency ensures that soils are cleaned without damage to most plastic, elastomer and metal components. Note: Plastic components based on ABS, polystyrene and Perspex are not fully compatible with PC141 and immersion times must be monitored

when cleaning in these situations.

QUALITY: Water content < 3000ppm
HCL or chlorides passes Ag NO test
Non volatile residue <50ppm

Haz Rating Hazard Ratings:			
Health:	1	Minimal: 0	Generated 04/26/2007 Revision 04/26/2007 Supersedes Revision 04/11/2006 Date Created 09/08/1994
Flammability:	3	Slight: 1	
Reactivity:	NA	Moderate: 2	
Special Hazard:	NA	Serious: 3	
		Extreme: 4	

Company Policy or Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. These however do not constitute a warranty . The information above is believed to be true but does not assure the product properties or assume any legal condition. We do not accept liability for claims of any kind for any loss, including, without limitation to, consequential loss, injury or damage arising from the use of the information or recommendations, or of the products, which are subject matter hereof. The products are sold subject to our standard conditions of sale and tender. It is offered for your consideration, investigation and verification.