

**MATERIAL SAFETY DATA SHEET**  
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

**SECTION I - PRODUCT IDENTIFICATION**

**Product Name:** Contact Cleaner 3  
**Product Number:** 80811  
**Product Type:** AEROSOL  
**Formula:** Proprietary  
**Supplier's Name:** Terand Industries, Inc.  
**Supplier's Address:** P.O. Box 667770, Pompano Beach, FL 33066  
**DOT Ship Description:** CONSUMER COMMODITY, ORM-D

**Date Prepared:** 6/17/2011  
**Information Phone:** (954) 974-5440  
**Emergency Phone:** (800) 535-5053

**HMIS Rating (Based on Aerosol Conc.):**  
0-Minimal 1-Slight 2-Moderate  
3-Serious 4-Extreme

<b>HEALTH:</b>	1
<b>FLAMMABILITY:</b>	4
<b>PHYSICAL HAZARD:</b>	0
<b>Personal Protection:</b>	B

**SECTION II - INGREDIENTS**

<b>CHEMICAL NAME</b>	<b>CAS #</b>	<b>%WT</b>	<b>313/Chem</b>	<b>Skin</b>	<b>Carcinogen</b>	<b>PEL</b>	<b>TLV-TWA</b>
n-Hexane	110-54-3	60 - 70	YES	YES	NO	500 ppm	50 ppm
Isopropanol	67-63-0	5 - 10	NO	NO	NO	400 ppm	400 ppm
1,1-Difluoroethane	75-37-6	20 - 30	NO	NO	NO	N/E	N/E

**SECTION III - PHYSICAL DATA**

**Aerosol Concentrate:**  
**Boiling Point:** N/D  
**pH:** N/A  
**Appearance/Odor:** Clear liquid with solvent odor.

**Specific Gravity (H<sub>2</sub>O=1)@70°F:** N/D  
**Solubility In Water:** N/D  
**Vapor Density(Air=1):** >1

**Total Contents:**  
**Total VOC %:** 75.00%  
**Vapor Pressure (can; psig @72°F):** N/D

**SECTION IV - FIRE AND EXPLOSION DATA**

**Flash Point (Conc.):** <0°F  
**Extinguishing Media:** Foam, CO<sub>2</sub>, Dry Media  
**Special Fire Fighting Procedures:** Wear full face positive pressure self-contained breathing apparatus (SCBA) and protective clothing. Water may be used to cool fire exposed, closed containers to prevent rupturing.  
**Unusual Fire and Explosion Hazards:** Exposure to temperature above 120° F may cause bursting. Vapors may travel along ground and can be ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharges, or other ignition sources distant from the point of release.

**Flammability (as per CSMA Flame Projection Test):** Extremely Flammable Spray

**SECTION V - REACTIVITY DATA**

**Stability:** Material Stable.  
**Incompatibility:** Avoid contact with acetaldehyde, acids, chlorine, ethylene oxide, isocyanates and strong oxidizing agents. Do not use with aluminum equipment at temperatures above 120°F.  
**Hazardous Decomposition Products:** Carbon monoxide and carbon dioxide.

**Hazardous Polymerization:** Will not Occur.

**SECTION VI - STORAGE AND HANDLING**

**KEEP OUT OF REACH OF CHILDREN.**  
For Industrial and Institutional use only.  
Store in a cool, dry area away from heat or open flame.  
Do not store at temperatures above 120° F.

**NFPA Code 30B Rating:** Level 3 Aerosol.

**SECTION VII - HEALTH AND FIRST AID**

**PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:**  
**Eyes:** May cause irritation accompanied by stinging and redness.  
**Skin:** May cause mild irritation. Frequent or prolonged contact may cause more severe irritation, defatting of the skin, and dermatitis. May be absorbed through skin in harmful amounts.  
**Inhalation:** Inhalation of high vapor concentrations can cause irritation of nasal and respiratory tract, dizziness, headaches, drowsiness, central nervous system depression, low blood pressure, temporary changes in the liver, effects on heart rate, respiratory depression, loss of coordination, kidney damage and possible coma. Gross overexposure may be fatal.  
**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and other effects similar to inhalation. Aspiration of material into the lungs can cause severe pulmonary injury.

**FIRST AID PROCEDURES:**  
**Eyes:** Flush with large amounts of cool running water for at least 20 minutes while occasionally lifting upper and lower lids. Get medical attention immediately.  
**Skin:** Remove contaminated clothing. Wash with soap and water. If irritation persists seek medical attention.  
**Inhalation:** Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.  
**Ingestion:** Do not induce vomiting. Immediately drink two glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

**SECTION VIII - SPECIAL PROTECTION DATA**

**Respiratory Protection:** None needed for normal use in accordance with label directions. Use NIOSH approved cartridge respirator for organic vapors if air concentrations exceed exposure limits. Use a self-contained breathing apparatus in confined spaces and for emergencies.  
**Ventilation:** Provide general and/or local exhaust to keep vapor concentrations of ingredients listed in Section II below acceptable limits. Where explosive mixtures may be present, systems safe for such locations should be used.  
**Protective Gloves:** Use chemical resistant gloves recommended for the ingredients listed in Section II if hand contact will be made.  
**Eye Protection:** Wear safety glasses with side shields or chemical proof goggles.

**SECTION IX - SPILL OR LEAK PROTECTION**

**STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:** Allow propellant and solvent to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. No additional cleaning should be required.  
**WASTE DISPOSAL METHOD:** Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

**NOTICE:** The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.