

MATERIAL SAFETY DATA SHEET

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **OFF GUARD** 24 Hour CHEMTREC Number: 800-424-9300

Product Description: A clear electrical coating. MSDS Number: 111786

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Xylene	1330-20-7	< 15%	100 ppm	100 ppm
Hydrocarbon Propellant	68476-86-8	< 30%	800 ppm	800 ppm
Polybutadiene Co-Styrene	9003-55-8	< 30%	NE	NE
Acetone	67-64-1	< 15%	100 ppm	1000 ppm
Toluene	108-88-3	< 15%	50 ppm	100 ppm
Aliphatic Hydrocarbon	110-54-3	< 45%	50 ppm	50 ppm

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Extremely flammable. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120°F(49°C). Eye, skin and respiratory irritant. Vapor harmful.

POTENTIAL HEALTH EFFECTS Routes of Exposure: Exposure may be by inhalation and/or skin or eye contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation and personal protective equipment. Eye Contact: May cause eye irritation. Liquid, aerosols, and vapors of this product are irritating and may cause pain, tearing, reddening, and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes. Skin Contact: May cause skin irritation. Allergic reactions are possible. Prolonged and repeated contact may result in defatting and drying of the skin, which may result in irritation and dermatitis (rash). Ingestion: May be harmful if swallowed. Irritating to mouth, throat, and stomach. Aspiration hazard. Inhalation: Prolonged inhalation may be harmful. May cause irritation of the respiratory system. May cause nervous system depression. Headache, nausea, dizziness and loss of coordination are indications of excessive exposure to vapors or spray mists. General: May aggravate existing respiratory, eye and skin disorders. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Deliberately concentrating and inhaling the vapor of the contents may be harmful or fatal.

4. FIRST AID MEASURES

Eye Contact: Promptly flush with a large amount of water for at least 15 minutes. If irritation persists, consult a physician. Skin Contact: Promptly wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, consult a physician. Inhalation: Remove to fresh air. Restore breathing if necessary. If irritation persists, consult a physician. Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Flashpoint(Method): Positive flame extension with flashback. Lower Explosive Limit(LEL): 1.0 Upper Explosive Limit(UEL):6.0 Autoignition Temperature: NA Fire and Explosion Hazards: Vapors will accumulate readily and may ignite explosively. Isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode (due to build-up of pressure) when exposed to extreme heat. Extinguishing Media: Carbon Dioxide, dry chemical, foam. Fire Fighting Instructions: Full protective equipment including self-contained breathing apparatus should be used. Containers can build up pressure if exposed to heat (fire). Use equipment or shielding required to protect against bursting or venting containers.

6. ACCIDENTAL RELEASE MEASURES

Remove all sources of ignition. Ventilate area and remove with inert absorbent. Dispose of in accordance with all Federal, State and Local Regulations regarding waste disposal. Product as supplied is a D001 unspecified ignitable waste. RCRA Code for Xylene (1330-20-7) is U239. RCRA Code for Acetone (67-64-1) is U002. RCRA Code for Toluene (108-88-3) is U220.

7. HANDLING AND STORAGE

Keep away from heat, flames, sparks or other sources of ignition. Keep area ventilated. Do not smoke. Contents under pressure. Do not puncture, incinerate or expose to temperatures above 120°F (49°C). Extinguish all flames, pilot lights and heaters. Turn off stoves, heaters, electric motors and other sources of ignition during use and until all vapors are gone. Store in a cool, dry location. Do not take internally. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. Keep out of reach of children. Avoid breathing vapor and spray mist. Avoid contact with eyes, skin and clothing. Wash hands after using. When spraying more than one half can continuously or more than one can consecutively, use NIOSH- approved respirator.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Local exhaust preferable. General exhaust acceptable if the exposure to materials is maintained below applicable exposure limits. Personal Protective Equipment: Respiratory: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted NIOSH-approved respirator. Eye: Wear approved safety glasses or goggles with unperforated sideshields. Skin: Wear chemically impervious Nitrile gloves.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear. Odor: Characteristic. Physical State: Liquid aerosol. VOC Content: < 1.5% MIR
Vapor Pressure: < 75 PSI Vapor Density: Heavier than air. Specific Gravity: 0.77 Solubility in Water: Nil.

10. STABILITY AND REACTIVITY

Stability: Stable. Hazardous Polymerization: Will not occur. Conditions to Avoid: Heat, sparks, flames or other sources of ignition. Strong oxidizing agents. Incompatibility: None expected. Hazardous Decomposition Products: May produce hazardous fumes when heated to decomposition. Fumes may contain Carbon Dioxide, Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

IARC / NTP / OSHA: This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Xylene	1330-20-7	4.3 g/kg (oral rat)	6350 ppm/4 hr (rat)
Hydrocarbon Propellant	68476-86-8	NE	NE
Polybutadiene Co-Styrene	9003-55-8	NE	NE
Acetone	67-64-1	10.7 ml/kg (oral rat)	5540 mg/l/96 hr (rainbow trout)
Toluene	108-88-3	5000 mg/kg (oral rat)	5320 ppm/8 hr (mouse)
Aliphatic Hydrocarbon	110-54-3	45 ml/kg (rat oral)	48000 ppm/<4 hr (rat)

12. ECOLOGICAL INFORMATION

NA

13. DISPOSAL CONSIDERATIONS

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability and extractability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State and Local Regulations regarding pollution and waste disposal. Product as supplied is a D001 unspecified ignitable waste. RCRA Code for Xylene (1330-20-7) is U239. RCRA Code for Acetone (67-64-1) is U002. RCRA Code for Toluene (108-88-3) is U220.

14. TRANSPORT INFORMATION

DOT Shipping Data: Consumer Commodity, ORM-D. Canadian TDG: Shipped in accordance with 49 CFR as part of a transborder shipment authorized under Section 5.2 (1) of the Canadian Transportation of Dangerous Goods. For International Shipments by Air: Aerosols, Flammable, 2.1, UN1950. For International Shipments by Vessel: Aerosols, Flammable, 2.1, UN1950.

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory. CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL. Proposition 65: This product contains the following chemicals known to the state of California to cause cancer, birth defects or other reproductive harm: Toluene 108-88-3 < 15% SARA 313: This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372.65C): Xylene 1330-20-7 < 15% Toluene 108-88-3 < 15% HMIS Classification: Health = 3 Flammability = 4 Reactivity = 0 Personal Protection = B WHMIS Classification: Class A, Class B Division 5, Class D, Division 2B.

16. OTHER INFORMATION

NA = Not Available or Not Applicable NE = Not Established

Read and follow all label directions and precautions before using the product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

HEALTH AND SAFETY INFORMATION: (216) 861-7114

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