

**PRIME LINE PRODUCTS, INC.**  
**26950 SAN BERNARDINO AVE.**  
**REDLANDS, CA 92374**  
**PH: 909-887-8118**  
**FX: 909-880-2906**  
Email: info@prime-line-products.com  
**EMERGENCY #: 800-255-**  
**3924, 909-887-8118**

**HEALTH****1**CONCENTRATED  
EXPOSURE MAY CAUSE  
INCAPACITATION**FIRE****4**HIGHLY FLAMMABLE  
MATERIAL**REACTIVITY****0**

NORMALLY STABLE

**SPECIFIC****SECTION 1: PRODUCT IDENTIFICATION**

|                  |                               |                     |                                         |
|------------------|-------------------------------|---------------------|-----------------------------------------|
| PRODUCT NAME     | RZ-50 AEROSOL SPRAY LUBRICANT | PRODUCT DESCRIPTION | PTFE POLYMER DRY FILM AEROSOL LUBRICANT |
| PRODUCT PART NO. | RZ 50                         | TRADE NAMES         | RD-50, RZ50                             |
| PRODUCT CLASS    | LUBRICANT                     |                     |                                         |
| C.A.S. NUMBER    |                               | SDS REVISION LEVEL  | APPLICATIONS REQUIRING LUBRICATION      |
| SDS NUMBER       | RZ-50                         | REV                 |                                         |
| SDS DATE         | 2/18/2015                     | A                   |                                         |

**SECTION 2: HAZARDS IDENTIFICATION**

|                 |                                                                                                                                                                                                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE             | SLIGHTLY IRRITATING BUT DOES NOT CAUSE EYE TISSUE INJURY                                                                                                                                                                                                                                                       |
| SKIN CONTACT    | LOW ORDER OF TOXICITY. FREQUENT OR PROLONGED CONTACT MAY IRRITATE AND/OR CAUSE DERMATITIS OR AGGRAVATE AN EXISTING CONDITION.                                                                                                                                                                                  |
| SKIN ABSORPTION | THIS MATERIAL IS AN ASPIRATION HAZARD AND DEFATS THE SKIN.                                                                                                                                                                                                                                                     |
| INGESTION       | SMALL AMOUNTS OF THIS PRODUCT ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR VOMITING MAY CAUSE MILD TO SERVERE PULMONARY INJURY-POSSIBLE MINIMAL TOXICITY.                                                                                                                                         |
| INHALATION      | HIGH VAPOR/AEROSOL CONCENTRATIONS, GREATER THAN 100PPM, ARE IRRITATING TO THE EYES AND RESPIRATORY TRACT, MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH. BREATHING VAPORS OF HIGH CONCENTRATIONS MAY CAUSE CNS DEPRESSION. |
| ACUTE EFFECTS   | NA                                                                                                                                                                                                                                                                                                             |
| CHRONIC EFFECTS | NA                                                                                                                                                                                                                                                                                                             |
| CARCINOGENIC    | NA                                                                                                                                                                                                                                                                                                             |

*All materials used in the manufacture of the above product are compliant with the European Union Directive 2002/95/EC for the Restriction of the use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS). No Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr+6), PBB or PBDE is intentionally added to these components. Any trace impurities of these substances contained in the components are below the RoHS specified threshold level.*

**PRIME LINE PRODUCTS, INC.**  
**26950 SAN BERNARDINO AVE.**  
**REDLANDS, CA 92374**  
**PH: 909-887-8118**  
**FX: 909-880-2906**

Email: info@prime-line-products.com

**EMERGENCY #: 800-255-**  
**3924, 909-887-8118**

|                  |                                         |
|------------------|-----------------------------------------|
| PRODUCT NAME     | RZ-50 AEROSOL SPRAY LUBRICANT           |
| PRODUCT PART NO. | RZ 50                                   |
| PRODUCT DESC.    | PTFE POLYMER DRY FILM AEROSOL LUBRICANT |
| PRODUCT CLASS    | LUBRICANT                               |
| C.A.S. NUMBER    | 0                                       |
| SDS NUMBER       | RZ-50                                   |
| SDS DATE         | 2/18/2015                               |

**SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**

| CHEMICAL NAME                                 | CAS#       | CONTENT<br>WEIGHT % | EXPOSURE LIMITS |                 |
|-----------------------------------------------|------------|---------------------|-----------------|-----------------|
|                                               |            |                     | ACGIH TLV       | OSHA PEL        |
| ALIPHATIC HYDROCARBON                         | 142-82-5   | 40-60               | 500 PPM         | 400 PPM         |
| POLY-TFE OMEGA-HYDRO-ALPHA (METHYLCYCLOHEXYL) | 65530-85-0 | 4-8                 | NOT ESTABLISHED | NOT ESTABLISHED |
| HYDROCARBON PROPELLANT                        | 68476-86-8 | 40-60               | 800 PPM         | 800 PPM         |
|                                               |            |                     |                 |                 |
|                                               |            |                     |                 |                 |
|                                               |            |                     |                 |                 |

**SECTION 4: FIRST AID MEASURES**

|                 |                                                                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EYE CONTACT     | FLUSH EYES WITH LARGE AMOUNTS OF WATER UNTIL IRRITATION SUBSIDES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.                                                                                                         |
| SKIN CONTACT    | FLUSH WITH LARGE AMOUNTS OF WATER, USE SOAP IF NECESSARY. REMOVE GROSSLY CONTAMINATED CLOTHING, INCLUDING SHOES, AND LAUNDRER BEFORE REUSE.                                                                               |
| SKIN ABSORPTION | NA                                                                                                                                                                                                                        |
| INGESTION       | IF SWALLOWED, DO NOT INDUCE VOMITING. KEEP AT REST AND SEEK MEDICAL PROMPT ATTENTION                                                                                                                                      |
| INHALATION      | USE PROPER RESPIRATORY PROTECTION AND IN A WELL VENTILATED AREA. REMOVE VICTIM FROM EXPOSURE AND GENERAL AREA. ADMINISTER ARTIFICIAL RESPIRATION IF BREATHING IS STOPPED. KEEP AT REST AND SEEK PROMPT MEDICAL ATTENTION. |

**SECTION 5: FIRE-FIGHTING MEASURES**

| FLASH POINT                      | -104 <sup>0</sup> C, 169 K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | AUTOIGNITION TEMP | 540 <sup>0</sup> C, 813 K | FLAMMABLE LIMITS (% BY VOLUME) |       |       |  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------|--------------------------------|-------|-------|--|
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                           | IN AIR                         | LEL   | UEL   |  |
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |                           |                                | 2.37% | 9.50% |  |
| EXTINGUISHING MEDIA              | STOP GAS FLOW. RECOMMEND USE OF DRY CHEMICAL, CO <sub>2</sub> OR HALOGENATED EXTINGUISHING AGENT.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                           |                                |       |       |  |
| SPECIAL FIRE FIGHTING PROCEDURES | STOP THE GAS FLOW IMMEDIATELY BEFORE ATTEMPTING TO EXTINGUISH ANY GAS FIRE. ALLOW THE FIRE TO BURN ITSELF OUT. IF THE GAS SOURCE CANNOT BE SHUT OFF IMMEDIATELY, ALL EQUIPMENT AND SURFACES EXPOSED TO THE FIRE SHOULD BE COOLED WITH WATER TO PREVENT OVER-HEATING, FLASH-BACKS AND/OR EXPLOSIONS. CONTROL THE FIRE UNTIL THE GAS SUPPLY CAN BE SHUT OFF. ISOLATE THE "FUEL" SUPPLY FROM FIRE. AVOID SPRAYING WATER DIRECTLY INTO STORAGE CONTAINERS DUE TO DANGER OF BOILOVER. USE PROPER PROTECTIVE EQUIPMENT AND FRESH AIR RESPIRATORS WHEN EXPOSURE TO HAZARDOUS CONCENTRATIONS OF TOXIC GASES IS POSSIBLE. |                   |                           |                                |       |       |  |
| UNUSUAL FIRE & EXPLOSION HAZARDS | PRODUCT RELEASES FLAMMABLE VAPORS AT WELL BELOW AMBIENT TEMPERATURES AND READILY FORMS FLAMMABLE MIXTURES WITH AIR AND WILL BURN IN THE OPEN AND CAN BE EXPLOSIVE IN CONFINED SPACES. PRODUCT VAPORS ARE INVISIBLE AND HEAVIER THAN AIR AND MAY TRAVEL LONG DISTANCES TO POINTS OF IGNITION. ALKANE/CHLORINE GAS MIXTURES HAVE PRODUCED EXPLOSIONS.                                                                                                                                                                                                                                                              |                   |                           |                                |       |       |  |

**PRIME LINE PRODUCTS, INC.**  
**26950 SAN BERNARDINO AVE.**  
**REDLANDS, CA 92374**  
**PH: 909-887-8118**  
**FX: 909-880-2906**  
Email: [info@prime-line-products.com](mailto:info@prime-line-products.com)  
**EMERGENCY #: 800-255-**  
**3924, 909-887-8118**

|                  |                                         |
|------------------|-----------------------------------------|
| PRODUCT NAME     | RZ-50 AEROSOL SPRAY LUBRICANT           |
| PRODUCT PART NO. | RZ 50                                   |
| PRODUCT DESC.    | PTFE POLYMER DRY FILM AEROSOL LUBRICANT |
| PRODUCT CLASS    | LUBRICANT                               |
| C.A.S. NUMBER    | 0                                       |
| SDS NUMBER       | RZ-50                                   |
| SDS DATE         | 2/18/2015                               |

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ACTIONS TO TAKE FOR LEAK OR SPILLS | SPILLS SHOULD BE ABSORBED OR SCRAPPED UP. AVOID WATER CONTAMINATION.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| WASTE DISPOSAL METHOD              | EMPTY DEPRESSURIZED CONTAINERS CANNOT BE REUSED. CANS WHICH ARE PRESSURIZED OR CONTAIN LIQUID MUST BE DISPOSED IN A PERMITTED WASTE MANAGEMENT FACILITY. DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION EQUIPMENT SHOULD BE CAPABLE OF HANDLING LARGE VOLUMES OF DENSE BLACK SMOKE AND WITHSTAND THE CORROSIVE EFFECTS OF ACID CASES. THESE MATERIALS ARE NOT CONSIDERED HAZARDOUS WASTE UNDER TITLE 40, CFR PART 261 (HAZARDOUS WASTES UNDER THE CONSERVATION RECOVERY ACT), REFERENCE SECTIONS 261.31, .32, .33(E) AND .33(F). THEY DO NOT HAVE THE CHARACTERISTICS OF A HAZARDOUS MATERIAL AS DEFINED UNDER SECTIONS 261.21, .22, .23, AND .24. |

**SECTION 7: HANDLING AND STORAGE**

|                     |                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIAL PRECAUTIONS | DO NOT USE PRESSURE TO EMPTY CONTAINER OR EXPLOSION MAY RESULT. DO NOT STORE AT TEMPERATURES ABOVE 120°F. ODOR IS NOT AN ADEQUATE WARNING OF POTENTIALLY HAZARDOUS CONCENTRATIONS IN AIR. RELEASE OF THESE GASES MAY CAUSE A FLAMMABLE ATMOSPHERE WITH EXPLOSION POTENTIAL. WHEN UTILIZING PRESSURIZED CONTAINERS FOLLOW STANDARD SAFETY PRACTICES FOR HANDLING AEROSOLS. |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SECTION 8: EXPOSURE CONTROLS PERSONAL PROTECTION**

|                        |                                                                                                                                                                                                                                                             |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RESPIRATORY PROTECTION | HEALTH STUDIES HAVE SHOWN HYDROCARBONS POSE POTENTIAL HUMAN HEALTH RISKS FOR SOME PEOPLE. AS A PRECAUTION, EXPOSURE TO LIQUIDS, VAPORS AND FUMES SHOULD BE MINIMIZED. WEAR NIOSH/MSHA APPROVED RESPIRATORS WHENEVER CONCENTRATION IN AIR MAY EXCEED LIMITS. |
| EYE PROTECTION         | WEAR SAFETY GLASSES WITH SIDE SHIELDS OR CHEMICAL GOGGLES                                                                                                                                                                                                   |
| SKIN PROTECTION        | WEAR LONG SLEEVES AND CHEMICAL RESISTANT GLOVES-POLYFLUORINATED POLYETHYLENE HAS BEEN SUGGESTED.                                                                                                                                                            |
| OTHER CLOTHING         | STANDARD WORK CLOTHING. WASH AND DRY CONTAMINATED CLOTHING BEFORE REUSE                                                                                                                                                                                     |
| OTHER EQUIPMENT        | USE ADEQUATE LEVEL EXHAUST VENTILATION. WHERE CARBON MONOXIDE MAY BE GENERATED, SPECIAL VENTILATION MAY BE REQUIRED. LOCAL EXHAUST RECOMMENDED WHEN APPROPRIATE TO CONTROL EXPOSURE.                                                                        |

**SECTION 9: PHYSICAL DATA**

|                    |           |                    |         |
|--------------------|-----------|--------------------|---------|
| CHEMICAL NAME      | POLYMER   | APPEARANCE         | CLEAR   |
| CHEMICAL FAMILY    | NA        | COLOR              | CLEAR   |
| CHEMICAL FORMULA   | NA        | STATE              | AEROSOL |
| MOLECULAR WEIGHT   | NA        | ODOR               | SLIGHT  |
| DOT INFORMATION    | NA        | pH                 | NA      |
| VAPOR DENSITY      | NA        | MELTING POINT      | NA      |
| VAPOR PRESSURE     | <75 PSI   | BOILING POINT      | NA      |
| SOLUBILITY-WATER   | INSOLUBLE | FREEZING POINT     | NA      |
| SOLUBILITY-OIL     | NA        | PERCENT VOLATILITY | NA      |
| SOLUBILITY-ACETONE | NA        | EVAPORATION RATE   | NA      |

**SECTION 10: STABILITY AND REACTIVITY**

|                                         |                                                                                                                                                                 |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STABILITY                               | STABLE                                                                                                                                                          |
| INCOMPATIBILITY (MATERIALS TO AVOID)    | MAY REACT WITH STRONG OXIDIZING AGENTS                                                                                                                          |
| HAZARDOUS COMBUSTION OR DECOMP PRODUCTS | DECOMPOSITION MAY PRODUCE CARBON MONOXIDE                                                                                                                       |
| CONDITIONS TO AVOID                     | DO NOT WELD, HEAT OR DRILL CONTAINER (CAN). RESIDUE MAY IGNITE WITH EXPLOSIVE VIOLENCE IF HEATED SUFFICIENTLY. SPILLS ON SURFACES MAY CAUSE A SLIPPERY SURFACE. |

**PRIME LINE PRODUCTS, INC.**  
**26950 SAN BERNARDINO AVE.**  
**REDLANDS, CA 92374**  
**PH: 909-887-8118**  
**FX: 909-880-2906**  
Email: info@prime-line-products.com  
**EMERGENCY #: 800-255-**  
**3924, 909-887-8118**

|                  |                                         |
|------------------|-----------------------------------------|
| PRODUCT NAME     | RZ-50 AEROSOL SPRAY LUBRICANT           |
| PRODUCT PART NO. | RZ 50                                   |
| PRODUCT DESC.    | PTFE POLYMER DRY FILM AEROSOL LUBRICANT |
| PRODUCT CLASS    | LUBRICANT                               |
| C.A.S. NUMBER    | 0                                       |
| SDS NUMBER       | RZ-50                                   |
| SDS DATE         | 2/18/2015                               |

**SECTION 11: TOXICOLOGICAL INFORMATION**

|                                   |     |
|-----------------------------------|-----|
| ACUTE DATA                        | N/A |
| REPRODUCTIVE /<br>TERATOLOGY DATA | NA  |

**SECTION 12: ECOLOGICAL INFORMATION**

|  |    |
|--|----|
|  | NA |
|--|----|

**SECTION 13: DISPOSAL CONDITIONS**

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PROCEDURES | EMPTY DEPRESSURIZED CONTAINERS CANNOT BE REUSED. CANS WHICH ARE PRESSURIZED OR CONTAIN LIQUID MUST BE DISPOSED IN A PERMITTED WASTE MANAGEMENT FACILITY. DISPOSAL MUST BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. INCINERATION EQUIPMENT SHOULD BE CAPABLE OF HANDLING LARGE VOLUMES OF DENSE BLACK SMOKE AND WITHSTAND THE CORROSIVE EFFECTS OF ACID CASES. THESE MATERIALS ARE NOT CONSIDERED HAZARDOUS WASTE UNDER TITLE 40, CFR PART 261 (HAZARDOUS WASTES UNDER THE CONSERVATION RECOVERY ACT), REFERENCE SECTIONS 261.31, .32, .33(E) AND .33(F). THEY DO NOT HAVE THE CHARACTERISTICS OF A HAZARDOUS MATERIAL AS DEFINED UNDER SECTIONS 261.21, .22, .23, AND .24. |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**SECTION 14: TRANSPORTATION INFORMATION**

|                       |     |
|-----------------------|-----|
| DOT<br>CLASSIFICATION | N/A |
| WARNING LABELS        | N/A |

**SECTION 15: REGULATORY INFORMATION**

|                             |     |
|-----------------------------|-----|
| WORKPLACE<br>CLASSIFICATION | N/A |
|-----------------------------|-----|

**SECTION 16: OTHER INFORMATION**

THE INFORMATION PRESENTED IN THE SAFETY DATA SHEET IS BASED ON DATA BELIEVED TO BE ACCURATE AS OF THE DATE THIS SAFETY DATA SHEET WAS PREPARED. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. NO RESPONSIBILITY IS ASSUMED FOR ANY DAMAGE OR INJURY RESULTING FROM ABNORMAL USE OR FROM ANY FAILURE TO ADHERE TO RECOMMENDED PRACTICES. THE INFORMATION PROVIDED ABOVE AND THE PRODUCT, ARE FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE THEIR OWN DETERMINATION AS TO THE SUITABILITY OF THE PRODUCT FOR THEIR PARTICULAR PURPOSE AND ON THE CONDITION THAT THEY ASSUME THE RISK OF THEIR USE.