

RUST-OLEUM CORP

-- AEROSOL SPRAY PAINTS, 2155

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MSDS Safety Information  
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FSC: 8010  
NIIN: 01-208-3672  
MSDS Date: 03/04/1994  
MSDS Num: CJFGJ  
Product ID: AEROSOL SPRAY PAINTS, 2155  
MFN: 02  
Responsible Party  
Cage: 08882  
Name: RUST-OLEUM CORP  
Address: 11 HAWTHORNE PKWY  
City: VERNON HILLS IL 60061  
Info Phone Number: 708-367-7700  
Emergency Phone Number: 708-367-7700  
Review Ind: Y  
Published: Y

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Contractor Summary  
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Cage: 08882  
Name: RUST-OLEUM CORP  
Address: 11 HAWTHORN PARKWAY  
City: VERNON HILLS IL 60061  
Phone: 847-367-7700

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Item Description Information  
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Item Name: ENAMEL  
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Ingredients  
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Cas: 71-23-8  
RTECS #: UH8125000  
Name: N-PROPANOL; VP: 14.9MMHG @ 20C; LEL: 2.1%  
Percent by Wt: 1.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 500 MG/M3; 200 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 492 MG/M3; 200 PPM  
ACGIH STEL: 614 MG/M3; 250 PPM

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Cas: 68476-86-8  
Name: PETROLEUM GASES, LIQUEFIED, SWEETENED; (PROPELLANT (PROPANE, BUTANE,  
ISOBUTANE)) VP: 85 PSI @ 20C; LEL: 1.8%  
Percent by Wt: 25.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 1000 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 1000 PPM  
ACGIH STEL: N/K (FP N)

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Cas: 1330-20-7  
RTECS #: ZE2100000  
Name: XYLENE; VP: 9.5MMHG @ 20C; LEL: 1.2%

% low Wt: 15.  
% high Wt: 30.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 100 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 434 MG/M3;100 PPM  
ACGIH STEL: 651 MG/M3;150 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 108-88-3  
RTECS #: XS5250000  
Name: TOLUENE; VP: 22.0MMHG @ 20C; LEL: 1.2%  
% low Wt: 10.  
% high Wt: 25.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 100 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 188 MG/M3;50 PPM  
ACGIH STEL: N/K (FP N)  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS

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Cas: 64742-89-8  
Name: LIGHT ALIPHATIC SOLVENT NAPHTHA (PETROLEUM); (VM&P NAPHTHA) VP:  
2.0MMHG @ 20C; LEL: 0.9%  
% low Wt: 0.  
% high Wt: 5.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 300 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 300 PPM  
ACGIH STEL: N/K (FP N)

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Cas: 111-76-2  
RTECS #: KJ8575000  
Name: 2-BUTOXYETHANOL; VP: 0.9MMHG @ 20C; LEL: 1.1%  
% low Wt: 0.  
% high Wt: 10.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 240 MG/M3;50 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 121 MG/M3;25 PPM  
ACGIH STEL: N/K (FP N)

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Cas: 78-93-3  
RTECS #: EL6475000  
Name: METHYL ETHYL KETONE; VP: 70.0MMHG @ 20C; LEL: 2.0%  
% low Wt: 0.  
% high Wt: 3.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 590 MG/M3;200 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 590 MG/M3;200 PPM  
ACGIH STEL: 885 MG/M3;300 PPM  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 100-41-4  
RTECS #: DA0700000  
Name: ETHYLBENZENE; VP: 10.0MMHG @ 20C; LEL: 1.2%  
% low Wt: 1.  
% high Wt: 4.  
Other REC Limits: N/K (FP N)  
OSHA PEL: 435 MG/M3;100 PPM  
OSHA STEL: N/K (FP N)  
ACGIH TLV: 434 MG/M3;100 PPM  
ACGIH STEL: 543 MG/M3;125 PPM  
EPA Rpt Qty: 1000 LBS  
DOT Rpt Qty: 1000 LBS  
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Health Hazards Data  
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry Inds - Inhalation: YES  
Skin: YES  
Ingestion: YES  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO

Effects of Exposure: ACUTE: INHAL: HARMFUL IF INHALED.MAY AFFECT BRAIN & NERV SYS CAUSING DIZZ, HDCH/NAUS. RPTD OVEREXP MAY PROGRESSIVELY LEAD TO STAG GAIT, CONFUSION, UNCON/COMA. CAUSES NOSE & THROAT IRRIT. SKIN/EYES: CAUSES EYE & SKIN IRRIT WHICH CAN LEA D TO DERM W/RPTD OVEREXP. INGEST: MAY CAUSE GI IRRIT, NAUS, VOMIT & DIARR. CHRONIC: RPTS HAVE ASSOC RPTD & PRLNG OCCUP OVEREXP TO SOLVS W/PERM BRAIN & NERV SYS DMG. OVEREXP TO XYLENE & TOLUENE IN LAB ANIMALS HAS BEEN ASSOC W/LIVER, KIDNE Y, LUNG, SPLEEN & EYE DMG AS WELL AS ANEMIA. EFTS IN HUMANS HAVE INCLUDED LIVER & CARD ABNORMS. (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptions Of Overexposure: HLTH HAZ: 2-BUTOXYETHANOL MAY BE HARMFUL IF ABSORBED THRU SKIN & HAS BEEN SHOWN TO CAUSE BLOOD ABNORMS IN LAB ANIMALS. TOLUENE APPEARS ON THE NAVY OCCUP CHEM REPRO HAZ LIST. SEEK CONSULTATION FROM APPROP HLTH PROFESSIONALS CONCERNING LATE ST HAZ LIST INFO & SAFE HNDLG & EXPOS INFO (FP N). ANIMAL STUDIES CLEARLY DEMONSTRATED DOSE-RELATED ADVERSE EFTS ON THE CNS, HEMATOPOIETIC TISS, BLOOD,KIDNEYS, & LIVER, ASSOC W/ADMIN OF 2-BUTOXYETHANOL (EXTRACTED FROM DHHS(NIOSH) PUBLICATION #90-118) (P N).

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INHALATION: REMOVE FROM EXPOSURE, RESTORE BREATHING AND NOTIFY A PHYSICIAN. EYES: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. NOTIFY A PHYSICIAN. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER, REMOVE CONTAMINATE D CLOTHING AND WASH BEFORE REUSE. INGESTION: DO NOT INDUCE VOMITING.KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. ASPIRATION OF THIS MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

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Handling and Disposal  
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Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITN INERT ABSORBENT AND NON-SPARKING TOOLS.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.  
Waste Disposal Methods: DISPOSE OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

Handling And Storage Precautions: DO NOT STORE ABOVE 120F. DO NOT PUNCTURE OR INCINERATE CONTAINERS. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.  
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Fire and Explosion Hazard Information  
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Flash Point Method: TCC  
Flash Point: <-17.8C, 0.F  
Lower Limits: SEE INGS  
Extinguishing Media: NFPA CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM). DOT CLASSIFICATION: FLAMMABLE GAS 2.1.  
Fire Fighting Procedures: WEAR NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP AND POSSIBLE AUTO IGNITION OR EXPLOSION. IF WATER IS USED, FOG NOZZLES ARE PREFERRED  
Unusual Fire/Explosion Hazard: FLAMMABILITY CLASS: EXTREMELY FLAMMABLE. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. DO NOT APPLY TO HOT SURFACES.

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Control Measures  
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Respiratory Protection: USE NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR (TC23C) TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY AND ORGANIC VAPORS DURING SPRAY APPLICATION. IN CONFINED AREAS USE NIOSH APPROVED SUPPLIED-AIR RESPIRATOR OR HOODS (TC19C).  
Ventilation: PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP TLV OF HAZARDOUS INGREDIENTS BELOW ACCEPTABLE LIMITS.  
Protective Gloves: USE IMPERVIOUS GLOVES.  
Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES (FP N).  
Other Protective Equipment: ANSI APPROVED EYEWASH AND DELUGE SHOWER (FP N). USE IMPERVIOUS CLOTHING TO PREVENT SKIN CONTACT.  
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health: NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties  
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Boiling Point: <-17.8C, 0.F  
Vapor Pres: SEE INGREDIENTS  
Vapor Density: HVR/AIR  
Evaporation Rate & Reference: SLOWER (ETHER=1)  
Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

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Reactivity Data  
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Stability Indicator: YES  
Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.  
Materials To Avoid: STRONG OXIDIZING AGENTS.  
Hazardous Decomposition Products: BY OPEN FLAME: CARBON MONOXIDE AND CARBON DIOXIDE.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: NONE SPECIFIED BY MANUFACTURER.

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Toxicological Information  
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Ecological Information

MSDS Transport Information

Transport Information: DOT CLASSIFICATION: FLAMMABLE GAS 2.1.

Regulatory Information

State Regulatory Information: CALIFORNIA PROPOSITION 65 WARNING: THESE PRODUCTS CONTAIN CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Other Information

HAZCOM Label

Product ID: AEROSOL SPRAY PAINTS, 2155

Cage: 08882

Company Name: RUST-OLEUM CORP

Street: 11 HAWTHORN PARKWAY

City: VERNON HILLS IL

Zipcode: 60061

Health Emergency Phone: 708-367-7700

Label Required IND: Y

Date Of Label Review: 04/27/1999

Status Code: A

Origination Code: F

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Moderate

Contact Hazard: Moderate

Fire Hazard: Severe

Reactivity Hazard: None

Hazard And Precautions: ACUTE: INHALATION : HARMFUL. MAY AFFECT BRAIN & NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE/NAUSEA.REPEATED OVEREXP MAY PROGRESSIVELY LEAD TO STAGGERING GAIT, CONFUSION,UNCONSCIOUSNESS/COMA. CAUSES NOSE & THROAT IRRITATION.SKIN/EYE S: CAUSES EYE & SKIN IRRITATION WHICH CAN LEAD TO DERMATITIS W/REPEATED OVEREXP.INGESTION: MAY CAUSE GI IRRITATION, NAUSEA, VOMITING & DIARRHEA. CHRONIC: REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENT S W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. TOLUENE APPEARS ON THE NAVY OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS LIST (FP N).

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