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Material Safety Data Sheet

SECTION I - Material Identity
SECTION II - Manufacturer's Information
SECTION III - Physical/Chemical Characteristics
SECTION IV - Fire and Explosion Hazard Data
SECTION V - Reactivity Data
SECTION VI - Health Hazard Data
SECTION VII - Precautions for Safe Handling and Use
SECTION VIII - Control Measures
SECTION IX - Label Data
SECTION X - Transportation Data
SECTION XI - Site Specific/Reporting Information
SECTION XII - Ingredients/Identity Information

SECTION I - Material Identity

| | |
|------------------------|--|
| Item Name | |
| Part Number/Trade Name | 1954 830 ORANGE FLUORESCENT SPRAY PAINT |
| National Stock Number | 8010L415819F |
| CAGE Code | 08882 |
| Part Number Indicator | A |
| MSDS Number | 189147 |
| HAZ Code | B |

SECTION II - Manufacturer's Information

| | |
|-------------------|------------------|
| Manufacturer Name | RUST-OLEUM CORP |
| P.O. Box | N/K |
| Street | 11 HAWTHORN PKWY |
| City | VERNON HILLS |
| State | IL |
| Country | US |

| | |
|-------------------|-----------------------|
| Zip Code | 60061-1583 |
| Emergency Phone | 800-424-9300 CHEMTREC |
| Information Phone | 847-367-7700 |

MSDS Preparer's Information

| | |
|----------------------------|---------|
| Date MSDS Prepared/Revised | 03NOV97 |
| Date of Technical Review | 01FEB93 |
| Active Indicator | Y |

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

| | |
|-------------------------|--|
| Appearance/Odor | FLUORSCENT ORANGE AEROSOL PAINT (LIQUID, SOLVENT LIKE ODOR) |
| Boiling Point | -44 - 380 F |
| Melting Point | NR |
| Vapor Pressure | ND |
| Vapor Density | > AIR |
| Specific Gravity | 0.8977 |
| Evaporation Rate | > ETHER |
| Solubility in Water | SLIGHT |
| Chemical pH | ND |
| Container Type | R |
| Container Pressure Code | 2 |
| Temperature Code | 4 |
| Product State Code | L |

SECTION IV - Fire and Explosion Hazard Data

| | |
|----------------------------------|--|
| Flash Point | -9 |
| Flash Point Method | NA |
| Lower Explosion Limit | 0.9 |
| Upper Explosion Limit | 12.6 |
| Extinguishing Media | DRY CHEMICAL, FOAM, WATER FOG |
| Special Fire Fighting Procedures | WATER SPRAY MAY BE INEFFECTIVE. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT DUE TO BUILDUP OF STEAM. CLOSED CONTAINERS MAY EXPLODE WHE EXPOSED TO EXTREME HEAT. VAPORS |

Unusual Fire/Explosion Hazards

MAY FORM EXPLOSIVE MIXTURES WITH AIR. VAPORS CAN TRAVEL TO A SOURCE OF IGNITION AND FLAXH BACK. KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPEMNT, SPARKS AND OPEN FLAME. PERFORATION OF THE PRESSURIZED CONTAINER MAY CAUSE BURSTING OF THE CAN
CLOSED CONTAINERS MAY EXPLODE/BUILD-UP PRESSURE/AUTOIGNITE WHEN EXPOSED TO EXTREME HEAT.
EXTREMELY FLAMMABLE

SECTION V - Reactivity Data

| | |
|------------------------------------|--|
| Stability | YES |
| Stability Conditions to Avoid | AVOID TEMPERATURES ABOVE 120 F. AVOID ALL POSSIBLE SOURCES OF IGNITION |
| Materials to Avoid | INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND STRONG ALKALIES |
| Hazardous Decomposition Products | THERMAL - CARBON MONOXIDE AND CARBON DIOXIDE. WHEN HEATED TO DECOMPOSITION IT EMITS ACRID SMOKE AND IRRITATING FUMES |
| Hazardous Polymerization | NO |
| Polymerization Conditions to Avoid | WILL NOT OCCUR UNDER NORMAL CONDITIONS |

SECTION VI - Health Hazard Data

| | |
|------------------------------------|---|
| Route of Entry: Skin | YES |
| Route of Entry: Ingestion | YES |
| Route of Entry: Inhalation | YES |
| Health Hazards - Acute and Chronic | [INHALE] HARMFUL IF INHALED. HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. AVOID BREATHING VAPORS OR MISTS. HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO THE EYES, NOSE, THROAT AND LUNGS. [EYE] IRRITATION [SKIN] MAY CAUSE SLIGHT SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY CAUSE SKIN IRRITAITON. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. |

| | |
|--------------------------------------|---|
| | [INHAL] HARMFUL, HIGH GAS, VAPOR, MIST OR DUST CONCENTRATIONS MAY BE HARMFUL IF INHALED. AVOID BREATHING VAPORS OR MISTS |
| Carcinogenity: NTP | NO |
| Carcinogenity: IARC | NO |
| Carcinogenity: OSHA | NO |
| Explanation of Carcinogenity | NONE |
| Symptoms of Overexposure | SEE ABOVE AND BELOW [INHAL] IRRITATING TO THE EYES, NOSE, THROAT AND LUNGS. [INGEST] SUBSTANCE MAY BE HARMFUL IF SWALLOWED. ASPIRATION HAZARD IF SWALLOWED; CAN ENTER LUNGS AND CAUSE DAMAGE |
| Medical Cond. Aggrevated by Exposure | LIVER, KIDNEY, LUNGS |
| Emergency/First Aid Procedures | [EYE] LIFT LIDS AND FLUSH WITH PLENTY OF WATER FOR AT LEASE 15 MINUTES. GET MED ATTEN [SKIN] WASH WITH SOAP AND WATER. GET MED ATTENTION IF IRRITATION DEVOPS OR PERSISTS [INHAL] IF YOU EXPERIENCE DIFFICULTY IN BREATHING, LEAVE THE AREA TO OBTAIN FRESH AIR. IF CONTINUED DIFFICULTY IS EXPERIENCED, GET MED ASSISTANCE IMMEDIATELY. [INGEST] ASPIRATION HAZARD: DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH BECAUSE THIS MATERIAL CAN ENTER THE LUNGS AND CAUSE SEVERE LUNG DAMAGE. GET IMMEDIATE MEDICAL ATTENTION |

SECTION VII - Precautions for Safe Handling and Use

| | |
|------------------------------------|---|
| Steps if Material Released/Spilled | EVACUATE THE AREA, REMOVE ALL SOURCES OF IGNITION AND VENTILATE WELL. CONTAIN SPILLED LIQUID WITH SAND OR EARTH. DO NOT USE COMBUSTIBLE MATERIALS SUCHA S SAWDUST. REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. DISPOSE OF ACCORDING TO LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS |
| Neutralizing Agent | NR |

| | |
|----------------------------------|--|
| Waste Disposal Method | DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. DO NOT ALLOW TO ENTER STORM DRAINS OR SEWERS |
| Handling and Storage Precautions | KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND OPEN FLAME. DO NOT STORE ABOVE 120 DEGREES F. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS I FLAMMABLE LIQUIDS |
| Other Precautions | NR |

SECTION VIII - Control Measures

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|---------------------------------|--|
| Respiratory Protection | NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED PEL |
| Ventilation | EXPLOSION PROOF - LOCAL EXHAUST. PREVENT BUILDUPS OF VAPORS |
| Protective Gloves | IMPERVIOUS GLOVES - NITRILE OR NEOPRENE |
| Eye Protection | SAFETY GLASSES TO PROTECT AGAINST SPLASH |
| Other Protective Equipment | IMPERVIOUS CLOTHING |
| Work Hygenic Practices | REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE |
| Supplemental Health/Safety Data | N/K |

SECTION IX - Label Data

| | |
|---------------------|---------|
| Protect Eye | NO |
| Protect Skin | NO |
| Protect Respiratory | NO |
| Chronic Indicator | UNKNOWN |
| Contact Code | UNKNOWN |
| Fire Code | UNKNOWN |
| Health Code | UNKNOWN |
| React Code | UNKNOWN |

SECTION X - Transportation Data

SECTION XI - Site Specific/Reporting Information

| | |
|----------------------------------|----------|
| Volatile Organic Compounds (P/G) | 4.8454 |
| Volatile Organic Compounds (G/L) | 580.6671 |

SECTION XII - Ingredients/Identity Information

| | |
|-----------------|---|
| Ingredient # | 01 |
| Ingredient Name | PROPANE |
| CAS Number | 74986 |
| Proprietary | NO |
| Percent | 25 |
| OSHA PEL | 1000 PPM |
| ACGIH TLV | ASPHYXIAN |
| Ingredient # | 02 |
| Ingredient Name | BENZENE, DIMETHYL- |
| CAS Number | 1330207 |
| Proprietary | NO |
| Percent | 15 |
| OSHA PEL | 100 PPM |
| ACGIH TLV | 100 PPM |
| Ingredient # | 03 |
| Ingredient Name | SOLVENT NAPHTHA, PETROLEUM, LIGHT AROM |
| CAS Number | 64742956 |
| Proprietary | NO |
| Percent | 10 |
| OSHA PEL | NE |
| ACGIH TLV | NE |
| Ingredient # | 04 |
| Ingredient Name | N-BUTANE |
| CAS Number | 106978 |
| Proprietary | NO |
| Percent | 10 |
| OSHA PEL | NE |
| ACGIH TLV | 800 PPM |
| Ingredient # | 05 |
| Ingredient Name | N-HEXANE |

| | |
|-----------------|---|
| CAS Number | 110543 |
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | NE |
| ACGIH TLV | NE |
| Ingredient # | 06 |
| Ingredient Name | SOLVENT NAPHTHA, PETROLEUM, HEAVY AROM |
| CAS Number | 64742945 |
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | 100 PPM |
| ACGIH TLV | NE |
| Ingredient # | 07 |
| Ingredient Name | SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH |
| CAS Number | 64742898 |
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | 400 PPM |
| ACGIH TLV | 400 PPM |
| Ingredient # | 08 |
| Ingredient Name | PROPANE, 2-METHYL- |
| CAS Number | 75285 |
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | NE |
| ACGIH TLV | NE |
| Ingredient # | 09 |
| Ingredient Name | BENZENE, ETHYL- |
| CAS Number | 100414 |
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | 100 PPM |
| ACGIH TLV | 100 PPM |
| Ingredient # | 10 |
| Ingredient Name | *CALCIUM CARBONATE |
| CAS Number | 1317653 |
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | 15 MG/M3 |
| ACGIH TLV | 10 MG/M3 |
| Ingredient # | 11 |
| Ingredient Name | BENZENE, 1,2,4-TRIMETHYL- |
| CAS Number | 95636 |

| | |
|-----------------|---------------------------|
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | NE |
| ACGIH TLV | 25 PPM |
| Ingredient # | 12 |
| Ingredient Name | BENZENE, 1,3,5-TRIMETHYL- |
| CAS Number | 108678 |
| Proprietary | NO |
| Percent | 5 |
| OSHA PEL | NE |
| ACGIH TLV | 25 PPM |
