

Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	HARD HAT AEROSOL PRODUCTS-RUST OLEUM
National Stock Number	8010C2192
CAGE Code	08882
Part Number Indicator	A
MSDS Number	180759
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	RUST-OLEUM CORPORATION
Street	11 HAWTHORN PARKWAY
City	VERNON HILLS
State	IL
Country	US
Zip Code	60061
Information Phone	312-367-7700

MSDS Preparer's Information

Date MSDS Prepared/Revised	08JAN87
Active Indicator	N

Alternate Vendors

Vendor #1 CAGE	08882
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SECTION III - Physical/Chemical Characteristics

Appearance/Odor	NONE GIVEN BY MANUFACTURER
Boiling Point	BELOW 0 F
Vapor Density	HVR/AIR
Specific Gravity	1
Evaporation Rate	SLR/ETHER
Container Pressure Code	4
Temperature Code	8
Product State Code	U

SECTION IV - Fire and Explosion Hazard Data

Flash Point Method	TCC
Extinguishing Media	NFPA CLSS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR FOAM)
Special Fire Fighting Procedures	FULL PROTECTIVE EQUIPMENT, SCBA. WATER SPRAY MAY BE INEFFECTIVE, BUT MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP OR EXPLOSION
Unusual Fire/Explosion Hazards	DO NOT SPRAY NEAR SPARKS OR OPEN FLAME. DO NOT SMOKE WHILE SPRAYING. EXPOSURE TO HEAT OR PROLONGED EXPOSURE TO THE SUN MAY CAUSE BURSTING

SECTION V - Reactivity Data

Stability	YES
Materials to Avoid	STRONG OXIDIZING AGENTS
Hazardous Decomposition Products	BY OPEN FLAME-CARBON MONOXIDE AND CARBON DIOXIDE
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	NO
Route of Entry: Inhalation	YES

Health Hazards - Acute and Chronic	INHALE: ANESTHETIC, IRRITATION OF THE RESPIRATORY TRACT OR ACUTE NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHE, DIZZINESS, STAGGERING, CONFUSION, UNCONCIOUSNESS OR COMA. SKIN/EYES: PRIMARY IRRITANT, CAUSES DEFATTING WHICH MAY LEAD TO DERMATITIS W/REPEATED OVEREXPOSURES.
Medical Cond. Aggrevated by Exposure	REPORTS HAVE SHOWN REPEATED/PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. OVEREXPOSURE TO XYLOL AND TOLUENE IN HUMANS SHOW LIVER & CARDIAC ABNORMALITIES
Emergency/First Aid Procedures	INHALE: REMOVE FROM EXPOSURE, RESTORE BREATHING AND NOTIFY A PHYSICIAN. EYES: FLUSH IMMEDIATELY W/ LARGE AMOUNTS OF WATER FOR AT LEAST 15 MIN. NOTIFY A PHYSICIAN. SKIN: WASH AFFECTED AREA W/SOAP AND WATER, REMOVE CONTAMINATED CLOTHING AND WASH BEFORE RE-USE

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled	REMOVE ALL SOURCES OF IGNITION, VENTILATE AREA ADN REMOVE W/INERT ABSORBANT AND NONSPARKING TOOLS
Waste Disposal Method	DISPOSE OF IN ACCORDANCE TO ALL FEDERAL STATE AND LOCAL LAW. DO NOT INCINERATE CLOSED CONTAINERS.
Handling and Storage Precautions	DO NOT STORE ABOVE 120 F. DO NOT PUNCTURE

SECTION VIII - Control Measures

Respiratory Protection	USE NIOSH APPROVED CHEMICAL CARTRIGE RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY & ORGANIC VAPORS DURING SPRAY APPLICATION. IN CONFINED AREAS USE NIOSH APPROVED SUPPLIED-AIR REPIRATORS OR HOODS
Ventilation	PROVIDE GENERAL DILUTION OR

	LOCAL EXHAUST VENTILATION ON VOLUME AND PATTERN TO KEEP TLV BELOW ACCEPTABLE LIMIT
Protective Gloves	YES
Eye Protection	GOGGLES/GLASSES W/SAFTEY SHEILDS
Disposal Code	O

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	OVEREXPOSURE TO TOLUENE ADN XYLOL HAS SHOWN EFFECTS IN HUMANS OF LIVER AND CARDIAC ABNORMALITIES. OVEREXPOSURE TO ETHYLENE GLYCOL BUTYL ETHER HAS SHOWN BLOOD ABNORMALITIES

SECTION X - Transportation Data

Container Quantity	15
Unit of Measure	OZF

SECTION XI - Site Specific/Reporting Information

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	XYTOL
CAS Number	1330207
Proprietary	NO
Percent	25
ACGIH TLV	100 PPM
Ingredient #	02
Ingredient Name	TOLUENE
CAS Number	108883
Proprietary	NO

Percent	25
OSHA PEL	200 PPM
ACGIH TLV	100 PPM
Ingredient #	03
Ingredient Name	VM&P NAPHTHA
CAS Number	64742898
Proprietary	NO
Percent	5
OSHA PEL	500 PPM
ACGIH TLV	300 PPM
Ingredient #	04
Ingredient Name	ETHYLENE GLYCOL BUTYL ETHER
CAS Number	111762
Proprietary	NO
Percent	5
ACGIH TLV	25 PPM (SKIN)
Ingredient #	05
Ingredient Name	METHYL ETHYL KETONE
CAS Number	78933
Proprietary	NO
Percent	3
ACGIH TLV	200 PPM
Ingredient #	06
Ingredient Name	PROPELLANT
CAS Number	68476868
Proprietary	NO
Percent	25
ACGIH TLV	800 PPM
