

INDUSTRIAL ENAMEL B54 E Z19 ORANGE

MSDS Number

BBWLW

National Stock Number

8010-00F006775

Product Name

INDUSTRIAL ENAMEL B54 E Z19 ORANGE

Manufacturer

SHERWIN WILLIAMS COMPANY

Product Identification

Product ID:INDUSTRIAL ENAMEL B54 E Z19 ORANGE

MSDS Date:01/17/1989

FSC:8010

NIIN:00F006775

MSDS Number: BBWLW

Responsible Party

SHERWIN WILLIAMS COMPANY

101 PROSPECT AVENUE N.W.

CLEVELAND , OH 44115

Emergency Phone: (216) 566-2917

Info Phone: (216) 566-2902

Cage: 54626

Contractor

SHERWIN-WILLIAMS CO THE

CLEVELAND, OH 44115-1042

US

800-251-2486/216-566-2242

Cage: 54636

Ingredients

LEAD (SARA III)

CAS: 7439-92-1

RTECS: OF7525000

Fraction By Weight:

OSHA PEL0.05 MG/M3;1910.1025

ACGIH TLV: 0.15 MG/M3;DUST 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

CHROMIUM, ION (CR 6+) (OSHA CARCINOGEN); SOLUBLE CHROMIUM

CAS: 18540-29-9

RTECS: GB6262000

Fraction By Weight:

OSHA PEL0.1 MG/CUM

ACGIH TLV: 50 UG/M3

HYDROTREATED LIGHT DISTILLATE, PETROLEUM

CAS: 64742-47-8

Fraction By Weight: 15-20%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100)

CAS: 64742-88-7

Fraction By Weight: 15-25%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

ETHYLENE GLYCOL (SARA III)

CAS: 107-21-1

RTECS: KW2975000

Fraction By Weight: 0-5%

OSHA PELC 50 PPM

ACGIH TLV: C 50 PPM,VAPOR; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

TALC (CONTAINING NO ASBESTOS)

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 5%

OSHA PEL2 MG/M3 RDUST

ACGIH TLV: 2 MG/M3 RDUST; 9192

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 0-5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

LEAD SULFOCHROMATE

CAS: 1344-37-2

Fraction By Weight:

OSHA PEL0.05 MG/CUM PB

ACGIH TLV: 0.05 MG/CUM CR

MOLYBDATE ORANGE

CAS: 12656-85-8

RTECS: QA4660000

Fraction By Weight:

OSHA PEL5 MG/CUM

ACGIH TLV: 5 MG/CUM

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Reports of Carcinogenicity: NTP: YES IARC: YES OSHA: NO
Health Hazards Acute and Chronic: IRRITATION OF EYES, SKIN/RESPIRATORY SYSTEM. INHALATION: NERVOUS SYSTEM DEPRESSION, UNCONSCIOUSNESS, DEATH, HEADACHE, DIZZINESS, NAUSEA/LOSS OF COORDINATION. EYE/SKIN: REDNESS, ITCHING & BURNING SENSATION. INGESTION: OVEREXPOSURE TO SOLVENT MAY CAUSE ADVERSE EFFECTS TO THE LIVER, & URINARY SYSTEMS.
Explanation of Carcinogenicity: EXPOSURE TO CHROMIUM VI CPDS W/AN INCREASED RISK OF RESPIRATORY CANCER. LEAD CHROMATE DOESN'T PRESENT THIS HAZARD.
Effects of Overexposure: REPEATED/PROLONGED OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. INGESTION: DAMAGE TO THE BLOOD-FORMING, URINARY & REPRODUCTIVE SYSTEMS/EMBRYOTOXIC EFFECTS.
INHALATION: ABDOMINAL DISCOMFORT OR PAIN, CONSTIPATION, LOSS OF APPETITE, METALLIC TASTE, NAUSEA, INSOMNIA, HEADACHE & DIZZINESS.
Medical Cond Aggravated by Exposure: RATS EXPOSED TO TITANIUM DIOXIDE DUST AT 250 MG/CUM DEVELOPED LUNG CANCER, HOWEVER, SUCH EXPOSURE LEVELS AREN'T ATTAINABLE IN THE WORKPLACE.

First Aid

First Aid: INHALATION: IF AFFECTED, REMOVE FROM EXPOSURE. RESTORE BREATHING. KEEP WARM & QUIET. SKIN: WASH AFFECTED AREA THOROUGHLY W/SOAP/WATER. REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. EYES: FLUSH W/ WATER LARGE AMTS OF WATER FOR 15 MINS. GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION.

Fire Fighting

Flash Point Method: PMCC
Flash Point: 112F
Lower Limits: 0.9%
Extinguishing Media: CO2, DRY CHEMICAL, FOAM
Fire Fighting Procedures: FULL PROTECTIVE EQUIPMENT/SCBA SHOULD BE USED. WATER SPRAY MAY BE INEFFECTIVE. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS, OPEN FLAME & HOT SURFACES.
Unusual Fire/Explosion Hazard: KEEP CONTAINERS TIGHTLY CLOSED. WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD-UP/POSSIBLE AUTOIGNITION/EXPLOSION WHEN EXPOSED TO HEAT.

Accidental Release

Spill Release Procedures: REMOVE ALL SOURCES OF IGNITION. VENTILATE & REMOVE WITH INERT ABSORBENT.

Handling

Handling and Storage Precautions: CONTENTS ARE COMBUSTIBLE. KEEP CONTAINER CLOSED WHEN NOT IN USE. DON'T TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN. WASH HANDS AFTER USING.
Other Precautions: AVOID BREATHING VAPOR/SPRAY MIST, CONTACT W/SKIN & EYES. DON'T APPLY ON TOYS/OTHER CHILDREN'S ARTICLES/FURNITURE/ANY INTERIOR SURFACE OF A DWELLING/FACILITY/WINDOW SILLS/PORCHES/STAIRS, OR RAILINGS. DON'T INCINERATE CLOSED CONTAINER.

Exposure Controls

Respiratory Protection: IF PERSONAL EXPOSURE CAN'T BE CONTROLLED WEAR A PROPERLY FITTED ORGANIC VAPOR/PARTICULATE RESPIRATOR APPROVED BY NIOSH/MSHA FOR PROTECTION AGAINST MATERIALS.

Ventilation: LOCAL EXHAUST: PREFERABLE. MECHANICAL ACCEPTABLE IF THE

EXPOSURE TO KEEP Protective Gloves: RECOMMENDED

Eye Protection: SPECTACLES W/UNPERFORATED SIDESHIELDS

Supplemental Safety and Health

WT PER GAL: 7.9-9.5 LB/GAL

Chemical Properties

Boiling Pt: B.P. Text: 284-416F

Vapor Density: >AIR

Spec Gravity: 0.95-1.14

Evaporation Rate & Reference: SLOWER THAN ETHER

Percent Volatiles by Volume: 50-55%

Stability

Stability Indicator/Materials to Avoid: YES

Stability Condition to Avoid: KEEP AWAY FROM HEAT, OPEN FLAME, ELECTRICAL EQUIPMENT, SPARKS & HOT SURFACES.

Hazardous Decomposition Products: CO, CO₂, OXIDES OF METALS.

Disposal

Waste Disposal Methods: WASTE FROM THIS PRODUCT MAY BE HAZARDOUS AS DEFINED UNDER THE RCRA. WASTE MUST BE TESTED FOR IGNITABILITY/EXTRACTABILITY TO DETERMINE THE APPLICABLE EPA HAZARDOUS WASTE NUMBERS. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE/LOCAL REGULATIONS POLLUTION.

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