

4510 GLID-GUARD ALKYD INDUSTRIAL ENAMEL

MSDS Number

BBPZN

National Stock Number

8010-00F004331

Product Name

4510 GLID-GUARD ALKYD INDUSTRIAL ENAMEL

Manufacturer

GLIDDEN COMPANY

Product Identification

Product ID:4510 GLID-GUARD ALKYD INDUSTRIAL ENAMEL

MSDS Date:03/01/1990

FSC:8010

NIIN:00F004331

Status Code:A

MSDS Number: BBPZN

Responsible Party

GLIDDEN COMPANY

925 EUCLID AVENUE

CLEVELAND , OH 44115

US

Emergency Phone: 800-545-2643/216-826-5566

Info Phone: 216-344-8000/800-545-2643

Cage: 01PD6

Contractor

GLIDDEN PAINT, ICI PAINTS NORTH AMERICA

CLEVELAND, OH 44115

US

800-545-2643/216-344-8207

Cage: 01PD6

Ingredients

DINITROANILINE ORANGE (DNA)

CAS: 3468-63-1

RTECS: QL3854000

Fraction By Weight: 1-5%

KEROSENE (PETROLEUM), HYDROTREATED; PETROLEUM DISTILLATE,

CAS: 64742-47-8

RTECS: OA5504000

Fraction By Weight: 5-10%

MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100), PARAFFIN-NAPTHANES

CAS: 64742-88-7

Fraction By Weight: 30-40%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

TITANIUM DIOXIDE, TIO₂

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 5-10%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM (DUST)

FATTY ACIDS, TALL OIL, POLYMERS W/GLYCEROL, ISOPHTHALIC

CAS: 68459-17-6

Fraction By Weight: 20-30%

FATTY ACIDS, TALL-OIL, POLYMER W/GLYCEROL, PENTAERYTHRITOL

CAS: 66070-62-0

Fraction By Weight: 10-20%

HANSA YELLOW *93-4*

CAS: 13515-40-7

Fraction By Weight: 1-5%

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RTECS: 9999999WG

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: RESPIRATORY TRACT IRRITATION. CNS DEPRESSION. SKIN/EYES: IRRITATION. INGESTION: LUNG INFLAMMATION & DAMAGE DUE TO ASPIRATION OF MATERIAL INTO LUNGS. OVEREXPOSURE MAY CAUSE PERMANENT BRAIN, NERVOUS SYSTEM, LIVER, KIDNEY DAMAGE. BLOOD ABNORMALITIES, UNCONSCIOUSNESS, RESPIRATORY FAILURE, ASPHYXIATION, DEATH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: FATIGUE, DROWSINESS, DIZZINESS &/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING. SKIN: IRRITATION. EYES: IRRITATION, BLURRED VISION, REDNESS, TEARING. INGESTION: ASPIRATION HAZARD.

Medical Cond Aggravated by Exposure:PREEXISTING EYE, SKIN, RESPIRATORY & LUNG DISORDERS, ASTHMA-LIKE CONDITIONS.

First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. RESTORE & SUPPORT CONTINUED BREATHING. HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. SKIN: WASH OFF QUICKLY W/PLENTY OF WATER, THEN SOAP & WATER. REMOVE CONTAMINATED C LOTHING. EYES: FLUSH W/PLENTY OF WATER,ESPECIALLY UNDER LIDS, FOR AT LEAST 15 MINS. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:102F
Lower Limits:1%
Extinguishing Media:DRY CHEMICAL OR FOAM
Fire Fighting Procedures:USE WATER TO COOL & PROTECT EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT OR FIRE. VAPORS CAN FORM EXPLOSIVE MIXTURES IN AIR AT ELEVATED TEMPS.

Accidental Release

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES. VENTILATE AREA. COLLECT SPILLS W/NONCOMBUSTIBLE ABSORBENT MATERIALS.

Handling

Handling and Storage Precautions:STORE BELOW 100F. KEEP AWAY FROM HEAT, SPARKS & OPEN FLAME. USE ONLY W/ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED & UPRIGHT WHEN NOT IN USE.
Other Precautions:DON'T TAKE INTERNALLY. AVOID CONTACT W/SKIN/EYES & BREATHING OF VAPORS. KEEP OUT OF REACH OF CHILDREN. AVOID CONDITIONS WHICH RESULT IN FORMATION OF INHALABLE PARTICLES SUCH AS SPRAYING OR ABRADING PAINTED SURFACES.

Exposure Controls

Respiratory Protection:USE ONLY NIOSH/NSHA APPROVED RESPIRATORS
Ventilation:PROVIDE DILUTION OR LOCAL EXHAUST TO PREVENT BUILD UP OF VAPORS.
Protective Gloves:IMPERVIOUS
Eye Protection:SAFETY GLASSES OR GOGGLES
Other Protective Equipment:EYE WASH & SAFETY SHOWER
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH HANDS AFTER HANDLING, ESPECIALLY BEFORE EATING OR SMOKING.
Supplemental Safety and Health
EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES. GROUND EQUIPMENT WHEN TRANSFERRING TO PREVENT ACCUMULATION OF STATIC CHARGE.

Chemical Properties

Boiling Pt:B.P. Text:310-400F
Percent Volatiles by Volume:57.8

Stability

Stability Indicator/Materials to Avoid:YES
OXIDIZERS, ACIDS, BASES, AMINES
Stability Condition to Avoid:EXTREME HEAT OR FIRE & ELEVATED TEMPERATURES OR OTHER SOURCES OF IGNITION.
Hazardous Decomposition Products:CO & CO2

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS. AVOID DISCHARGE TO NATURAL WATERS.

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