

4570 GLID-GUARD ALKYD INDUSTRIAL ENAMEL

MSDS Number

BBPZT

National Stock Number

8010-00F004336

Product Name

4570 GLID-GUARD ALKYD INDUSTRIAL ENAMEL

Manufacturer

GLIDDEN COMPANY

Product Identification

Product ID:4570 GLID-GUARD ALKYD INDUSTRIAL ENAMEL

MSDS Date:03/01/1990

FSC:8010

NIIN:00F004336

MSDS Number: BBPZT

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

RED IRON OXIDE/IRON (III) OXIDE/FERRIC OXIDE/YELLOW FERRIC

CAS: 1309-37-1

RTECS: NO7400000

Fraction By Weight: 20-30%

OSHA PEL10 MG/CUM

ACGIH TLV: 5 MG/CUM (FE)

CALCIUM CARBONATE, DOMOLITE, LIMESTONE, WHITING

CAS: 1317-65-3

RTECS: EV9580000

Fraction By Weight: 20-30%

ACGIH TLV: 10 MG/CUM (DUST)

SILICA DIOXIDE, CRYSTALLINE QUARTZ, SAND (SUSPECTED HUMAN

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight:

ACGIH TLV: 0.1 MG/CUM RESP DUST

MEDIUM ALIPHATIC NAPHTHA (AROMATIC 100), PARAFFIN-NAPTHANES

CAS: 64742-88-7

Fraction By Weight: 30-40%

OSHA PEL500 PPM

ACGIH TLV: 100 PPM

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

CAS: 68459-17-6

Fraction By Weight: 10-20%

ZINC MOLYBDATE, BASIC *93-4*

CAS: 13767-32-3

Fraction By Weight: 5-10%

OSHA PEL15 MG/CUM

ACGIH TLV: 10 MG/CUM

11.6

RTECS: 9999999WG

Hazards

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

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

Health Hazards Acute and Chronic:INHALATION: RESPIRATORY TRACT

IRRITATION. CNS DEPRESSION. SKIN/EYES: IRRITATION. INGESTION: LUNG

INFLAMMATION & DAMAGE DUE TO ASPIRATION. OVEREXPOSURE MAY CAUSE

PERMANENT BRAIN, NERVOUS SYSTEM, LIVER, KIDNEY DAMAGE. BLOOD

ABNORMALITIES, SILICOSIS, RESPIRATORY FAILURE, ASPHYXIATION, DEATH.

Explanation of Carcinogenicity:SEE INGREDIENTS

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:100F

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: 316-360F
Percent Volatiles by Volume: 55.3

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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