



## **5251 GLID-GUARD EPOXY CHROMATE METAL PRIMER**

### **MSDS Number**

BBLWT

### **National Stock Number**

8010-00F002864

### **Product Name**

5251 GLID-GUARD EPOXY CHROMATE METAL PRIMER

### **Manufacturer**

GLIDDEN COMPANY

### **Product Identification**

Product ID: 5251 GLID-GUARD EPOXY CHROMATE METAL PRIMER

MSDS Date: 03/22/1988

FSC: 8010

NIIN: 00F002864

MSDS Number: BBLWT

### **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**

BISPHENOL A EPOXY RESIN \*93-4\*

CAS: 25036-25-3

Fraction By Weight: 19%

PROPYLENE GLYCOL METHYL ETHER (1-METHOXY-2-PROPANOL)

CAS: 107-98-2

RTECS: UB7700000

Fraction By Weight: 10%

ACGIH TLV: 100 PPM

2-BUTANONE (METHYL ETHYL KETONE) (MEK)

CAS: 78-93-3

RTECS: EL6475000



Fraction By Weight: 22%  
OSHA PEL200 PPM  
ACGIH TLV: 590 MG/CUM  
EPA Report Quantity: 5000 LBS  
DOT Report Quantity: 5000 LBS

#### ORGANOPHILIC CLAY

Fraction By Weight: 2%

#### ZINC CHROMATE (HUMAN CARCINOGEN BY IARC, ACGIH)

CAS: 37300-23-5  
RTECS: GB3300000  
Fraction By Weight: 25%  
ACGIH TLV: 0.01 MG/CUM

#### SILICA, MICA, MUSCOVITE

CAS: 12001-26-2  
RTECS: VV8760000  
Fraction By Weight: 16%  
ACGIH TLV: 3 MG/CUM

#### TOLUENE

CAS: 108-88-3  
RTECS: XS5250000  
Fraction By Weight: 2%  
ACGIH TLV: 100 PPM  
EPA Report Quantity: 1000 LBS  
DOT Report Quantity: 1000 LBS

11.31

RTECS: 9999999WG

### Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: IRRITATION OF RESPIRATORY TRACT & MUCOUS MEMBRANE. SKIN: DERMATITIS, DEFATTING, MUCOUS MEMBRANE IRRITATION, SENSITIZATION, ABSORPTION. EYES: SEVERE IRRITATION OR BURNS. OVEREXPOSURE MAY CAUSE INTOXICATION, ANESTHETIC EFFECT OR NARCOSIS; BLOOD ABNORMALITIES, LIVER/KIDNEY/BRAIN/CNS DAMAGE & CANCER RISK.  
Explanation of Carcinogenicity:SEE INGREDIENTS  
Effects of Overexposure:INHALATION: FATIGUE, DROWSINESS, DIZZINESS &/OR LIGHTHEADEDNESS, HEADACHE, UNCOORDINATION, NAUSEA, VOMITING. SKIN: IRRITATION. EYES: TEARING, BLURRED VISION. INGESTION: NAUSEA, VOMITING, DIARRHEA.

### 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/PLENTHY OF WATER, THEN SOAP & WATER. REMOVE CONTAMINATED CLOTHING. EYES: FLUSH W/PLENTHY OF WATER, ESPECIALLY UNDER LIDS FOR AT LEAST 15 MINS. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point: 22F

Lower Limits: 1.2%

Extinguishing Media: DRY CHEMICAL OR FOAM

Fire Fighting Procedures: USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS MAY EXPLODE

W/HEAT/FIRE. VAPORS MAY IGNITE EXPLOSIVELY AT AMBIENT TEMPS, ARE HEAVIER THAN AIR, TRAVEL TO IGNITION SOURCE & FLASHBACK.

## Accidental Release

Spill Release Procedures: ELIMINATE IGNITION SOURCES. COLLECT SMALL SPILLS W/ABSORBENT. USE NON-SPARKING TOOLS. EVACUATE AREA. VACUUM CLEAN SPILLAGE. LARGE SPILL: SHUT OFF LEAK, SAFELY. DIKE/CONTAIN. PUMP TO STORAGE/SALVAGE VESSELS. KEEP SALVAGE & RINSE WATER OUT OF SEWERS/

## Handling

Handling and Storage Precautions: STORE BELOW 80F. KEEP AWAY FROM HEAT, SPARKS, & OPEN FLAME. USE ONLY W/ADEQUATE VENTILATION. KEEP CONTAINERS TIGHTLY CLOSED & UPRIGHT WHEN NOT IN USE.

Other Precautions: AVOID CONTACT W/SKIN/EYES/BREATHING OF VAPORS. DON'T TAKE INTERNALLY. EMPTY CONTAINERS MAY CONTAIN HAZARDOUS RESIDUES.

## Exposure Controls

Respiratory Protection: IF SANDING IS DONE, WEAR A DUST MASK TO AVOID BREATHING OF SANDING DUST. IF >TLV, USE ONLY NIOSH/MSHA APPROVED RESPIRATORS.

Ventilation: PROVIDE DILUTION VENTILATION/LOCAL EXHAUST TO PREVENT BUILD UP OF VAPORS. USE EXPLOSION PROOF & NON-SPARKING EQUIPMENT.

Protective Gloves: IMPERVIOUS

Eye Protection: SAFETY GLASSES OR GOGGLES

Other Protective Equipment: EYE WASH & SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS THOROUGHLY AFTER HANDLING.

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS W/PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING & INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

## Chemical Properties

Boiling Pt: B.P. Text: 172-350F

Appearance and Odor: TAN LIQUID

Percent Volatiles by Volume: 55.57

## Stability

Stability Indicator/Materials to Avoid: YES

OXIDIZERS, ACIDS, BASES, AMINES, ORGANIC MATERIALS

Stability Condition to Avoid: ELEVATED TEMPERATURES, HEAT, FIRE OR OTHER SOURCES OF IGNITION.

Hazardous Decomposition Products: CO, CO<sub>2</sub>, OXIDES OF NITROGEN, FORMALDEHYDE, & CHROMIUM OXIDE

## Disposal

Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. AVOID DISCHARGE TO NATURAL WATERS.

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