

## GLYPTAL, INC -- HI-TEMP ALUMINUM SILICONE ENAMEL PC 86009 -- 8010-00-200-3259

=====  
Product Identification  
=====

Product ID:HI-TEMP ALUMINUM SILICONE ENAMEL PC 86009

MSDS Date:07/24/1989

FSC:8010

NIIN:00-200-3259

MSDS Number: BNBZH

=== Responsible Party ===

Company Name:GLYPTAL, INC

Address:305 EASTERN AVE

City:CHELSEA

State:MA

ZIP:02150

Country:US

Info Phone Num:617-884-6918

Emergency Phone Num:617-884-6918

CAGE:FO587

=== Contractor Identification ===

Company Name:GLYPTAL, INC

Address:305 EASTERN AVE

Box:NONE

City:CHELSEA

State:MA

ZIP:02150-3344

Country:US

Phone:617-884-6918

CAGE:65313

Company Name:GLYPTAL, INC

Address:305 EASTERN AVE

City:CHELSEA

State:MA

ZIP:02150

Phone:(617) 884-6918

CAGE:FO587

=====  
Composition/Information on Ingredients  
=====Ingred Name:XYLENE (XYLOL) (SARA III) (HMIS HEALTH=1 FLAMMABILITY=3  
REACTIVITY=0)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 25.6%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM

ACGIH TLV:100 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ALUMINUM FLAKE (ALUMINUM FLAKE) (SARA III) (HMIS HEALTH=2  
FLAMMABILITY=0 REACTIVITY=1)

CAS:7429-90-5

RTECS #:BD0330000

Fraction by Wt: 14.6%

Other REC Limits:NONE SPECIFIED

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Ingrid Name:STODDARD SOLVENT (HYDROCARBON MIXTURE) (HMIS HEALTH=2  
 FLAMMABILITY=2 REACTIVITY=0)  
 CAS:64741-41-9  
 Fraction by Wt: 14.4%  
 Other REC Limits:NONE SPECIFIED  
 ACGIH TLV:500 PPM

Ingrid Name:ISOPROPYL ALCOHOL (OXYGENATED HYDROCARBON MIXTURE.IPA)  
 (SARA III) (HMIS HEALTH=1 FLAMMABILITY=3 REACTIVITY=0)  
 CAS:67-63-0  
 RTECS #:NT8050000  
 Fraction by Wt: 2.0%  
 Other REC Limits:NONE SPECIFIED  
 OSHA PEL:400 PPM  
 ACGIH TLV:400 PPM

Ingrid Name:VOC: (LESS WATER) 3.75 LBS/GAL  
 RTECS #:9999999VO  
 Other REC Limits:NONE SPECIFIED

=====  
 ===== Hazards Identification =====

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
 Health Hazards Acute and Chronic:OVEREXPOSURE: HEADACHE, NAUSEA,  
 DIZZINESS, CONFUSION, IRRITABILITY.  
 Medical Cond Aggravated by Exposure:RESPIRATORY DIFFICULTIES OR  
 PREEXISTING SKIN SENSITIZATION.

=====  
 ===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. ADMINISTER ARTIFICIAL  
 RESPIRATION OR OXYGEN IF BREATHING IS DIFFICULT. SKIN: WASH  
 AFFECTED AREA WITH SOAP AND WATER. REMOVE AND LAUNDRER CONTAMINATED  
 CLOTHING. CONSULT A PHYSICIAN IF IRRITATION PERSISTS. EYES: FLUSH  
 IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.  
 TAKE TO A PHYSICIAN FOR MEDICAL TREATMENT. INGESTION: CALL A  
 PHYSICIAN IMMEDIATELY.

=====  
 ===== Fire Fighting Measures =====

Flash Point Method:TCC  
 Flash Point:80.0F,26.7C  
 Lower Limits:1.0  
 Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM.  
 Fire Fighting Procedures:WATER MAY BE INEFFECTIVE, USE TO COOL CLOSED  
 CONTAINERS THAT ARE EXPOSED TO HEAT. FIREFIGHTING PERSONNEL SHOULD  
 WEAR SELF-CONTAINED BREATHING APPARATUS.  
 Unusual Fire/Explosion Hazard:PRESSURE MAY BUILD UP IN CLOSED CONTAINERS  
 EXPOSED TO HEAT. SOLVENT VAPORS ARE HEAVIER THAN AIR & MAY TRAVEL  
 DISTANCE ALONG GROUND TO IGNITION SOURCE AND FLASHBACK.

=====  
 ===== Accidental Release Measures =====

Spill Release Procedures:PROVIDE VENT. REMOVE ALL IGNITION SOURCES.  
 ABSORB & DISPOSE USING NON-SPARKING TOOLS. EVACUATE UNPROTECTED  
 PERSONNEL. WATER SPRAY MAY BE USED. TO CONTAIN RUN-OFF, COVER  
 W/ABSORBENT MAT'L & PLACE IN CONTAINERS. FLUSH AREA W/WATER TO  
 REMOVE RESIDUE.

=====  
 ===== Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL DRY PLACE AWAY FROM HEAT, SPARKS & OPEN FLAME. KEEP CONTAINERS CLOSED & UPRIGHT TO PREVENT LEAKAGE. OUTSIDE/DETACHED STORAGE PREFERRED.

Other Precautions:INSIDE STORAGE SHOULD BE IN A STANDARD FLAMMABLE LIQUID STOREROOM OR CABINET. METAL CONTAINERS SHOULD BE GROUNDED WHEN TRANSFERRING MATERIAL FROM ONE CONTAINER TO ANOTHER. DO NOT REUSE PRODUCT CONTAIN ER FOR ANY PURPOSE.

=====  
 Exposure Controls/Personal Protection  
 =====

Respiratory Protection:IN OUTDOOR OR OPEN AREAS USE BUREAU OF MINES APPROVED MECHANICAL FILTER RESPIRATOR TO REMVOE SOLID AIRBORNE PARTICULATES OF OVERSPRAY. INDOORS, WHERE VENTILATION IS INADEQUATE, USE BUREAU OF MINES CHE M-MECHAN RSPRTRS (REMOVE VAPOR/PARTIC).

Protective Gloves:RECOMMENDED IF SKIN CONTACT LIKELY.

Eye Protection:CHEM SPLASH GOGGLES, IF SPLASH POTENTIAL

Other Protective Equipment:RECOMMENDED AS NEEDED TO AVOID CONTACT.

Supplemental Safety and Health

=====  
 Physical/Chemical Properties  
 =====

HCC:F4

Boiling Pt:B.P. Text:180 TO 284F

Vapor Density:> AIR

Spec Gravity:8.91 LBS/GAL

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:NEGLIGIBLE

Appearance and Odor:ALUMINUM SILICONE PAINT.

Percent Volatiles by Volume:54.5

=====  
 Stability and Reactivity Data  
 =====

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS AND BASES.

Hazardous Decomposition Products:BY FIRE: NORMAL PRODUCTS OF INCOMPLETE COMBUSTION.

=====  
 Disposal Considerations  
 =====

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH LOCAL APPLICABLE REGULATIONS. DISPOSE OF USING AN APPROVED INCINERATION PROCESS OR IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS REGARDING HEALTH AND POLLUTION.

Disclaimer (provided with this information by the compiling agencies):  
 This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.