

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

TRADE NAME: **GCR™ 47 Acrylic Primer**

Manufactured By:
Genesis Coatings
2780 La Mirada Dr, #D
Vista, CA 92081
(800) 533-4273

Prepared/Revised: 11/16/08

II. COMPOSITION/INFORMATION ON INGREDIENTS

<u>CHEMICAL NAME</u>	<u>CAS #</u>	<u>WGT % = TO</u>
Texanol ester alcohol	025265-77-4	0% - 5%

VAPOR PRESSURE: 0.01 mmHg @ 20 C

*INDICATED TOXIC CHEMICAL(S) SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF CFR 372.

III. PHYSICAL PROPERTIES

BOILING RANGE: 212-338° F
VAPOR DENSITY: Lighter than air
ODOR: Slight ammonia
SPECIFIC GRAVITY: 1.38 (H₂O=1)
APPEARANCE: Viscous liquid
EVAPORATION RATE: Slower than ether
COATING VOC: 0.49 lbs/gal
MATERIAL VOC: 0.27 lbs/gal
SOLUBILITY IN H₂O: Soluble

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME:
LOWER: 0.6 UPPER: 4.2
EXTINGUISHING MEDIA: Foam, CO₂, dry chemical, water fog, other
UNUSUAL FIRE AND EXPLOSION HAZARDS: This product will not support combustion unless all the water has evaporated.
SPECIAL FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with full face piece. Water can be used to cool containers.

V. REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: Avoid freezing. Store in lined or plastic containers. Do not mix with solvent based material.
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Normal combustion products include carbon dioxide, carbon monoxide, and oxides of nitrogen.
HAZARDOUS POLYMERIZATION: Will not occur.

VI. HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Vapors may be irritating to the nose, throat, and respiratory tract. High vapor concentrations may cause central nervous system depression such as headache, fatigue, nausea, possible unconsciousness, even asphyxiation.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: *Eyes:* Can cause severe irritation, redness, tearing, blurred vision. *Skin:* Prolonged or repeated exposure can cause moderate irritation or may cause dry skin.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Prolonged or repeated exposure can cause irritation, dry skin through the defatting action of the material, or possibly dermatitis.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Can cause gastrointestinal irritation, nausea, vomiting, or diarrhea. Vomiting can cause aspiration of ingested fluid, small quantities of which may result in aspiration pneumonitis.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute: May cause eye, nose, respiratory tract, and skin irritation. Headache and nausea are also symptoms of over exposure. Chronic: Solvents can be toxic by skin absorption. Overexposure in some laboratory animals has caused damage to kidney, liver, and red blood cells.

CARCINOGENICITY: NTP CARCINOGEN:NO/IARC MONOGRAPHS:NO/OSHA REGULATED: NO
Not Carcinogenic

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory conditions, pre-existing skin disorders, liver or kidney disease.

EMERGENCY AND FIRST AID PROCEDURES: *Eye Contact:* Flush with large amounts of water. If irritation persists get immediate medical attention. *Skin Contact:* Wash exposed area. Remove contaminated clothing. If irritation persists, get prompt medical attention. *Ingestion:* DO NOT INDUCE VOMITING! If vomiting occurs spontaneously, keep head lower than hips to avoid aspiration of fluid into lungs. Get immediate medical attention. *Inhalation:* Remove to fresh air, restore breathing if necessary. Treat symptoms. Get immediate medical attention.

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition, dike spill area, pump out liquid or acid absorbent, and dispose of material properly (see below). Ventilate area well. Inform authorities if material enters sewers, watercourses, or land areas.

WASTE DISPOSAL METHOD: Dispose materials in a manner approved by local, state, and federal regulations. Before attempting clean-up, refer to hazard caution information in other sections of this sheet.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use proper storage techniques and store away from high temperatures, sparks, and open flame. Keep closure tight and upright to prevent leakage. Containers, even those that have been emptied, can contain explosive vapors. Do not cut, weld, grind on or near containers.

OTHER PRECAUTIONS: Warning: Detectable amounts of chemicals known to the State of California to cause cancer, birth defects, or reproductive harm may be found in this product. Proposition 65 of California Health and Safety Code (Section 25249). This material should be used after all safety precautions are read and understood by everyone handling the material. Do not weld or flame cut empty containers. KEEP AWAY FROM CHILDREN.

VIII. CONTROL MEASURES

RESPIRATORY PROTECTION: If the TLV of the product or any component is exceeded, a NIOSHA/MSHA approved air supplied respirator is advised in the absences of proper environmental control. Engineering or administrative controls should be implemented to reduce exposure. Otherwise, an approved chemical/mechanical filter respirator may be used.

VENTILATION: Provide sufficient mechanical ventilation (general and/or local exhaust) to maintain exposure below threshold limit values.

PROTECTIVE GLOVES: Non-soluble plastic; recommended for prolonged or repeated contact.

EYE PROTECTION: Chemical splash goggles in compliance with OSHA standards are advised.

OTHER PROTECTIVE EQUIPMENT: Other protective equipment that may be necessary to prevent repeated or prolonged exposure should comply with OSHA standards.

HYGIENIC PRACTICES: Wash hands before eating, smoking, or using the restroom. Smoke in designated areas only. Safety shower should be available.

IX. HMIS RATINGS

0 = Insignificant	Fire:	0
1 = Slight	Health:	1
2 = Moderate	Reactivity:	0
3 = High	Special Hazard:	E
4 = Extreme		

X. USER'S RESPONSIBILITY

The responsibility to provide a safe work place remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.