SECTION 1. IDENTIFICATION

PRODUCT INFORMATION
PRODUCT NUMBER: QCLC-29-460-B
PRODUCT NAME: NOVALAC HARDENER (COLORS)
CHEMICAL NAME: ORGANIC COATING
CHEMICAL FAMILY: PAINT

MANUFACTURER'S NAME: TMS Manufacturing-W C RICHARDS COMPANY
3555 W 123rd Street
Alsip, IL 60803

INFORMATION TELEPHONE
US: 708-385-6633

EMERGENCY TELEPHONE
US (CHEMTREC): 800-424-9300
CHEMTREC INT'L: 011-703-527-3887

SECTION 2. HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION
Eye irritation, Category 2A
Acute toxicity (dermal-inhalation), Category 4
Skin irritation, Category 3

LABEL ELEMENTS

SIGNAL WORDS: WARNING

HAZARD STATEMENTS:
Harmful if swallowed
Harmful in contact with skin
Harmful if inhaled
SECTION 2. HAZARD(S) IDENTIFICATION

PRECAUTIONARY STATEMENTS:
Do not get in eyes, on skin, or on clothing.
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye and face protection
Use only outdoors or in a well-ventilated area.

PREVENTION : Keep away from heat and open flame.
RESPONSE : Use with adequate ventilation.
DISPOSAL : Dispose of in accordance with all local, regional, national, and international regulations.

SPECIAL PACKAGEING REQUIREMENTS
Not applicable

OTHER HAZARDS
None known

SECTION 3. COMPOSITION, INFORMATION ON INGREDIENTS

*MIXTURE*

<table>
<thead>
<tr>
<th>INGREDIENT DESCRIPTION</th>
<th>CAS NUMBER</th>
<th>PERCENT BY WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHENYLMETHYLALC2HYDROXYToluene</td>
<td>100-51-6</td>
<td>26.6 - 32.9</td>
</tr>
</tbody>
</table>

SEE SECTION 8 FOR EXPOSURE LIMITS

SECTION 4. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION  Move to fresh air. If breathing stops, apply artificial respiration and seek immediate medical attention.
EYE CONTACT  Flush with large quantities of water for 15 minutes.
SKIN CONTACT  Wash thoroughly with soap and water and see a doctor.
INGESTION    Do not induce vomiting. Contact physician or poison control center immediately.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND CHRONIC

RECOMMENDATIONS FOR IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED
SECTION 5. FIRE-FIGHTING MEASURES

FLASH POINT: 200 (deg F) SETA

EXTINGUISHING MEDIA: Foam, CO2, Dry Chemical, Water Fog.

UNUSUAL FIRE AND EXPLOSION DATA:
Do not mix with acid or caustic materials. Keep away from Heat, Sparks, Open Flame, Electrical Equipment, etc.

SPECIAL FIREFIGHTING PROCEDURES:
Exclude air from fire. Respiratory equipment should be worn to avoid inhalation of vapors.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Remove all sources of ignition (heat, sparks, open flame). Avoid breathing vapors. Ventilate area. Contain and clean up spills with non-sparking tools, rags, etc. Use inert absorbent materials on small spills or residuals of large spills.

WASTE DISPOSAL METHOD:
Dispose of in accordance with local, state, and federal regulations.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
Use non-sparking tools when handling this material. Avoid hot surfaces. Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from excessive heat and open flames. Avoid prolonged or repeated contact with the skin. Normally accepted grounding techniques are to be employed during all phases of handling and application.

OTHER PRECAUTIONS:
No Smoking in areas where this material is used. Plastic Utensils should not be used. Do not weld or flame cut on an "empty drum". Keep containers closed and upright when not in use. If the painted surface is to be welded, use a fan across the work area to prevent fumes from rising to the welder's face. Pump air into welder's hood to provide positive air pressure to prevent fumes from getting to welder. Maintain good personal hygiene and plant housekeeping.

This coating may contain materials classified as nuisance particulates which may be present at hazardous levels only during sanding or abradng of the dried film.
SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

EXPOSURE CONTROLS

RESPIRATORY PROTECTION:
Provide NIOSH/MSHA approved organic vapor canister respirators where oxygen content is adequate and where airborne mists and vapor concentrations are above the time-weighted threshold limit values. When using in poorly ventilated and confined spaces, use a fresh air supply respirator or a self-contained breathing apparatus.

VENTILATION:
Mechanical ventilation or local exhaust must be used to keep vapor concentrations below TLV. All ventilation equipment must be explosion proof.

PROTECTIVE GLOVES:
Impermeable chemical handling gloves for skin protection.

EYE PROTECTION:
Use chemical safety glasses with side shields or goggles or faceshields.

OTHER PROTECTIVE EQUIPMENT:
Use impermeable aprons and protective clothing whenever possible to prevent skin contact. The use of headcaps wherever possible is recommended.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>(deg F)</td>
</tr>
<tr>
<td>% Volatile-Volume</td>
<td>0.000</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>THAN AIR</td>
</tr>
<tr>
<td>% NVM-Weight</td>
<td>100.000</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>THAN BU AC</td>
</tr>
<tr>
<td>% NVM-Volume</td>
<td>100.000</td>
</tr>
<tr>
<td>Weight/Gallon</td>
<td>8.600</td>
</tr>
<tr>
<td>VOC (lb/gl)</td>
<td>0.000</td>
</tr>
<tr>
<td>pH</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 10. STABILITY AND REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS:
Thermal Decomposition may yield Carbon Monoxide, Carbon Dioxide, and other hazardous products.

CONDITIONS TO AVOID:
Heat, Sparks, Open Flame, Electrical Equipment, Fire, Acids, Caustics,
SECTION 10. STABILITY AND REACTIVITY

etc.

INCOMPATIBILITY (MATERIALS TO AVOID):  
Acids, Alkaline Materials and Oxidizers.  
Decomposition gives off toxic fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>INGREDIENT DESCRIPTION</th>
<th>CAS NUMBER</th>
<th>TOXICOLOGICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHENYL METHYL ALCH2HYDROXYTOLUENE</td>
<td>100-51-6</td>
<td>LD50: 1230 mg/kg RAT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50: 8800 mg/kg/4hr RAT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 DERMAL &gt; 2000 mg/kg RAT</td>
</tr>
</tbody>
</table>

TARGET ORGANS:

central nervous system, eyes, skin

ROUTES OF ENTRY AND ACUTE EFFECTS OF EXPOSURE:

CONTACT Direct contact with this product may cause:  
    eye irritation, skin irritation

INHALATION If inhaled, may cause:  
    central nervous system effects, dizziness, headache, nausea

INGESTION If swallowed, may cause:  
    gastrointestinal tract, irritation, nausea, vomiting

ABSORPTION If absorbed, may cause:

PRIMARY ROUTES OF ENTRY: Dermal, Inhalation, Ingestion, Absorption.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:  
Anesthesia, respiratory tract irritation, dermatitis, nausea, vomiting.

CHRONIC EFFECTS OF OVEREXPOSURE:  
    dermatitis

SECTION 12. ECOLOGICAL INFORMATION

No ecotoxicological studies are available.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:  
Dispose of in accordance with local, state, provincial, and federal regulations.
SECTION 14. TRANSPORT INFORMATION

UN PROPER SHIPPING NAME

NOT REGULATED

SECTION 15. REGULATORY INFORMATION

SECTION 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

| CHEMICAL NAME | CAS NUMBER | WEIGHT | PERCENT | None Known |

HAZARDOUS AIR POLLUTANTS

This product contains the following chemical(s) which are on the list of hazardous air pollutants under Section 112(b) of the Clean Air Act.

| CHEMICAL NAME | CAS NUMBER | WEIGHT | PERCENT | None Known |

CALIFORNIA PROPOSITION 65

WARNING:
This product can expose you to chemical(s) which is known to the state of California to cause cancer. For more information, go to www.P65 warnings.ca.gov

| CHEMICAL NAME | CAS NUMBER | None Known |

WARNING:
This product can expose you to chemical(s) which is known to the state of California to cause birth defects or other reproductive harm. For more information, go to www.P65 warnings.ca.gov

| CHEMICAL NAME | CAS NUMBER | None Known |
DISCLAIMER OF LIABILITY

The information in this SDS was obtained from sources we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, REGARDING ITS ACCURACY OR CORRECTNESS.

The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE, OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.