1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: W-805-A GLASS ADHESION PROMOTER
PRODUCT CODE: W-805-A
PRODUCT USE: SUBSTRATE PREPARATION

MANUFACTURER
Cardinal Industrial Finishes
1329 Potrero Ave
S. El Monte, CA,
626 444-9274

24 HR. EMERGENCY TELEPHONE NUMBER
CHEMTREC (US Transportation): (800)424-9300
CHEMTREC (International Transportation): 1(202)483-7616

WEB: WWW.CARDINALPAINT.COM

2. HAZARDS IDENTIFICATION

PICTOGRAMS

SIGNAL WORD: DANGER

HAZARD STATEMENTS: H302 Harmful is swallowed.
H320 Causes serious eye irritation.
H315 Causes serious eye irritation.

PRECAUTIONARY STATEMENTS: P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/…/equipment.
P243 Take precautionary measures against static discharge.
P270 Do no eat, drink or smoke when using this product.
P302 + P352 IF ON SKIN: Wash with plenty of water.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P501 Dispose of contents/container to:

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight %</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>35% - 40%</td>
<td>1330-20-7</td>
</tr>
<tr>
<td>Glycol Ether PM</td>
<td>30% - 35%</td>
<td>107-98-2</td>
</tr>
<tr>
<td>Phenylethane</td>
<td>15% - 20%</td>
<td>100-41-4</td>
</tr>
</tbody>
</table>
4. FIRST AID MEASURES

Description of first and measures.

EYES CONTACT: Flush with large quantities of water for 15 to 30 minutes. Remove contact lenses. Keep eyes wide open while rising. If eye irritation persists: Get medical attention.

SKIN CONTACT: Wash exposed area with mild soap and water for 15 to 30 minutes. Remove contaminated clothing. Repeated exposure may cause dryness or cracking.

INGESTION: Rinse mouth. Do NOT induce vomiting. Keep victim warm and seek immediate attention.

INHALATION: Remove to fresh air and keep in a position comfortable to breath. Call a doctor/physician if you feel unwell. Get medical attention.

Most important symptoms and effects, both acute and delayed. Symptoms/injuries: Eye irritation
Symptoms/injuries after inhalation: May cause drowsiness or dizziness.
Symptoms/injuries after eye contact: Cause serious eye irritation.
Symptoms/injuries after ingestion: Ingestion may cause nausea, vomiting and diarrhea.

Indication of any immediate medical attention and special treatment needed. If medical advise is needed, have product container or label on hand.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: In the event of a fire, use specifically suitable extinguishing agents. Suitable extinguishing media: Foam, alcohol resistant foam, CO2, water fog. Unsuitable extinguishing media: Do not use heavy water stream. A heavy water stream may spread burning liquid.

FIRE FIGHTING PROCEDURE: Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering the environment. Protection during firefighting: Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure modes.


6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
General measures: Remove ignition sources. Use special care to avoid static electric charges. No smoking.

FOR NON-EMERGENCY PERSONNEL:
For non-Emergency procedures: Evacuate unnecessary personnel.

FOR EMERGENCY RESPONDERS:
Equip cleanup crew with proper protection. Avoid breathing fume, vapors.

ENVIROMENTAL PRECAUTIONS:
Prevent entry to sewers and public waters.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP:
Collect damaged aerosols and use absorbent and/or inert material, then place in suitable container.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Additional hazards when processed: Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when you are leaving work. Provide good ventilation in process area to prevent formation of vapor. No smoking. Use only non-sparking tools. Use outdoors or in a well ventilated area. Avoid breathing fume, vapors.
Hygiene measures: Wash Skin thoroughly after handling.
CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Storage conditions: Store in a dry, cool and well-ventilated place away from: Heat sources. Direct sunlight.

Incompatible products: Strong bases. Strong acids.


8. EXPOSURE CONTROLS\PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Glycol Ether PM(107-98-2)</th>
<th>USA ACGIH</th>
<th>ACGIH (TLV) (TWA)</th>
<th>50 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH (TLV) STEL</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH (TLV) ST</td>
<td>150 ppm, 540 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH (TWA)</td>
<td>100 ppm, 360 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Isopropyl Alcohol(67-63-0)</td>
<td>USA ACGIH</td>
<td>ACGIH STEL</td>
<td>400 ppm</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH IDLH</td>
<td>2,000 ppm</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA TWA</td>
<td>400 ppm, 980 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Phenylethane(100-41-4)</td>
<td>USA ACGIH</td>
<td>ACGIH STEL</td>
<td>125 ppm</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA</td>
<td>20 ppm</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL</td>
<td>100 ppm, 435 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA NIOSH</td>
<td>NIOSH REL (ST)</td>
<td>125 ppm, 545 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA STEL</td>
<td>125 ppm, 545 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA TWA (Table Z-1)</td>
<td>100 ppm, 435 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Xylene(1330-20-7)</td>
<td>USA ACGIH</td>
<td>ACGIH STEL</td>
<td>150 ppm</td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH TWA</td>
<td>100 ppm</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA TWA (Table Z-1)</td>
<td>100 PPM, 435 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: If TLV of the product or any component is exceeded, a NIOSH approved dust respirator is advised in absence of environmental control. OSHA Regulations also permit other NIOSH dust respirators under specified conditions. (See your Safety Equipment Supplier) Engineering or administrative controls should be implemented to reduce exposure.

HAND PROTECTION REMARKS: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

EYES PROTECTION: Eye wash bottle with pure water. Tightly fitting safety goggles. Where face-shield and protective suit for abnormal processing problems.

SKIN AND BODY PROTECTION: Wear impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

WORK HYGIENIC PRACTICES: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical state</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Various colors depending on the pigmentation.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available.</td>
</tr>
<tr>
<td>Ph</td>
<td>N/A – See Technical Data Sheet</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Slower Than Ether</td>
</tr>
<tr>
<td>Melting point</td>
<td>-94.7 C (-138.46 F)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>180.0 deg F TO 281.0 deg F</td>
</tr>
<tr>
<td>Flash point</td>
<td>53.00 deg F deg F</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>.8</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>12.7</td>
</tr>
</tbody>
</table>
**Vapour pressure**: 185 mm Hg

**Vapour density**: Heavier than air

**Relative density**: No data available.

**Density**: 7.3239

**Solubility**: No data available.

**Partition coefficient: n-octanol/water**: No data available.

**Autoignition temperature**: No data available.

**Decomposition temperature**: No data available.

### 10. STABILITY AND REACTIVITY

**REACTIVITY**: No dangerous reaction known under conditions of normal use.

**CHEMICAL STABILITY**: Stable under normal conditions.

**CONDITIONS TO AVOID**: Extremely high temperatures, poor ventilation and excessive aging.

**INCOMPATIBLE MATERIALS**: Avoid contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS**: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.

### 11. TOXICOLOGICAL INFORMATION

**Glycol Ether PM(107-98-2)**

**Additional Information**: RTECS: UB7700000 To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Stomach - Irregularities - Based on Human Evidence Stomach - Irregularities - Based on Human Evidence

**Aspiration hazard**: No data available.

**Carcinogenicity**: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Germ cell mutagenicity**: No data available

**LC50 Inhalation - Rat - Inhalation**: 10000 ppm, Rat - 5 h

**LD50 Dermal - Rabbit - Dermal**: 13,000 mg/kg, Rabbit

**LD50 Oral - Mouse - Acute Toxicity**: 11,700 mg/kg, Behavioral: Convulsions or effect on seizure threshold. Behavioral: Ataxia. Lungs, Thorax, or Respiration: Dypsnea.

**Reproductive toxicity**: No data available.

**Serious eye damage/eye irritation**: Eyes - Rabbit Result: Mild eye irritation - 24 h Respiratory or skin sensitization

**Skin corrosion/irritation**: No data available.

**Specific target organ toxicity - repeated exposure**: No data available.

**Specific target organ toxicity - single exposure**: May cause drowsiness or dizziness.

**Isopropyl Alcohol(67-63-0)**

**Aspiration hazard**: Based on physico-chemical values or lack of human evidence, not classified.

**Carcinogenicity**: Not classified.

**Effects on Development**: Not classified.

**Germ cell mutagenicity**: Not classified No adverse effect observed.

**LC50 (Rat)**: 46.6 mg/l; Exposure time: 8 h, Acute inhalation toxicity: Based on acute toxicity values, not classified. High vapor concentrations may cause irritation of the eyes, nose, and/or throat, changes to the liver, lung, spleen, and brain, and central nervous system depression (ataxia, dizziness, narcosis, and muscle relaxation, with respiratory arrest and death in cases of severe over exposure).

**LD50 (Rabbit)**: 12,870 mg/kg

**LD50 (Rat)**: 4,396 mg/kg; Acute oral toxicity: Based on acute toxicity values, not classified. Ingestion may cause gastrointestinal effects (pain, nausea, vomiting, and hemorrhage), hypothermia, cardiac effects (low blood pressure, shock and cardiac arrest), liver changes, kidney damage, and CNS...
<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity</td>
<td>Effects on fertility / Effects on or via lactation: Not classified.</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Not classified No adverse effect observed.</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Classified Causes serious eye irritation.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Based on skin irritation values, not classified. Liquid may cause slight skin irritation. Exposure of liquid to the underdeveloped skin of premature infants may cause severe irritation.</td>
</tr>
<tr>
<td>Target Organ Systemic Toxicant - Repeated exposure</td>
<td>Based on repeated exposure toxicity values, not classified.</td>
</tr>
<tr>
<td>Target Organ Systemic Toxicant - Single exposure</td>
<td>Routes of exposure: Ingestion, Inhalation Target Organs: Central nervous system Classified, May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>Phenylethane (100-41-4)</td>
<td>Aspiration toxicity May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>LC50 (Mouse, Male)</td>
<td>10 mg/l Assessment: The component/mixture is moderately toxic after short term inhalation.</td>
</tr>
<tr>
<td>LD50 (rabbit)</td>
<td>15,433 mg/kg</td>
</tr>
<tr>
<td>Repeated dose toxicity</td>
<td>Species: rat, male and female NOAEL: 75 mg/kg Application Route: Oral Exposure time: 28 d Dose: 75, 250 and 750 mg/kg bw/day Method: OECD Test Guideline 407 GLP: yes Symptoms: Increased kidney and liver weights</td>
</tr>
<tr>
<td>Respiratory or skin sensitization</td>
<td>Remarks: No data available</td>
</tr>
<tr>
<td>Serious eye damage/eye irritation</td>
<td>Species: rabbit Result: Mild eye irritation Remarks: No data available</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Species: rabbit Result: Mild skin irritation</td>
</tr>
<tr>
<td>STOT - repeated exposure</td>
<td>Target Organs: Auditory system Assessment: May cause damage to organs through prolonged or repeated exposure., The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.</td>
</tr>
<tr>
<td>STOT - single exposure</td>
<td>No data available.</td>
</tr>
<tr>
<td>Xylene (1330-20-7)</td>
<td>Acute dermal toxicity Acute toxicity estimate : 1,100 mg/kg Method: Expert judgement.</td>
</tr>
<tr>
<td>Acute inhalation toxicity</td>
<td>Acute toxicity estimate, 4631 ppm Exposure time, 4 h Test atmosphere: gas Method: Calculation method.</td>
</tr>
<tr>
<td>Acute toxicity Product</td>
<td>Acute oral toxicity : Acute toxicity estimate : 3,523 mg/kg Method: Calculation method.</td>
</tr>
<tr>
<td>Aspiration Toxicity</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Species: mouse, (male and female) Application Route: Oral Exposure time: 103 wk Dose: 0, 500 or 1000 mg/kg Frequency of Treatment: 5 days/week Method: Directive 67/548/EEC, Annex V, B.32. Result: did not display carcinogenic properties GLP: No data available, Carcinogenicity - Assessment : Animal testing did not show any carcinogenic effects.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>12:00:00 AM Animal testing did not show any mutagenic effects.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Animal testing did not show any mutagenic effects.</td>
</tr>
</tbody>
</table>
Assessment

LC50 (rat, male) Inhalation 6700 ppm Exposure time: 4 h Method: Directive 67/548/EEC, Annex V, B.2. GLP: No data available Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation. Remarks: Acutely Toxic Category 4

LC50 (rat, male) Oral 3,523 mg/kg Method: EU Method B.1 (Acute Toxicity, Oral) Target Organs: Kidney, Bladder GLP: no

Repeated dose toxicity Species: rat, male and female NOAEL: 250 mg/kg Application Route: Oral Exposure time: 103 wk Number of exposures: 5 d/wk Dose: 0, 250 or 500 mg/kg Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Reproductive toxicity Effects on fertility: Test Type: Two-generation study Species: rat, male and female Application Route: Inhalation Dose: 0, 25, 100 and 500 ppm Duration of Single Treatment: 6 h Frequency of Treatment: 7 days/week General Toxicity - Parent: NOAEC: > 500 ppm General Toxicity F1: NOAEC: > 500 ppm Early Embryonic Development: NOAEC: > 500 ppm Result: No reproductive effects. Effects on foetal development: Species: rat Application Route: Inhalation Dose: 0, 100, 500, 1000 or 2000 ppm Duration of Single Treatment: 14 d Frequency of Treatment: 6 hr/day General Toxicity Maternal: NOAEC: 500 ppm Teratogenicity: NOAEC: > 2,000 Developmental Toxicity: NOAEC: 100 ppm Result: No teratogenic effects, Developmental toxicity occurred at maternal toxicity dose levels Reproductive toxicity - Assessment: Animal testing did not show any effects on fertility. Damage to fetus not classifiable

Respiratory or skin sensitization Remarks: No data available

Serious eye damage/eye irritation Species: rabbit Result: Mild eye irritation

Skin corrosion/irritation Species: rabbit Exposure time: 24 h Result: Irritating to skin Remarks: Skin irritation, Category 2

STOT - repeated exposure Target Organs: Liver, Kidney, Central nervous system Assessment: May cause damage to organs through prolonged or repeated exposure.

STOT - single exposure No data available.

12. ECOLOGICAL INFORMATION

Glycol Ether PM(107-98-2)

Bioaccumulative potential No data available.

Mobility in soil No data available.

Other adverse effects No data available.

Persistence and degradability No data available.

Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Toxicity No data available.

Isopropyl Alcohol(67-63-0)

Bioaccumulative potential Bioaccumulation: Bioconcentration factor (BCF): 3.16 this material is not expected to bioaccumulate.

Ecotoxicology Assessment Acute aquatic toxicity: Based on acute aquatic toxicity values, not classified. Chronic aquatic toxicity: Not classified, based on readily biodegradability and low acute toxicity.

Mobility in soil Distribution among environmental compartments: Stability in water initially partitioning mainly to water and air. Stability in soil Volatilization from water or soil surfaces is expected to be limited. Additional advice Environmental fate and pathways: No additional information available.

Other adverse effects Additional ecological information No additional information available.

Persistence and degradability Biodegradability: 86 - 94 % Rapidly degradable. (After two weeks in a ready biodegradability test)

Results of PBT and vPvB assessment Not applicable.

Toxicity to algae Acute toxicity to aquatic plants very low.

Toxicity to bacteria Low toxicity to sewage microbes.

Toxicity to daphnia and other aquatic invertebrates Acute toxicity to freshwater and marine invertebrates is very low.

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) Chronic toxicity expected to be low.

Toxicity to fish Acute toxicity to fish is very low.

Toxicity to fish (Chronic toxicity) Chronic toxicity to fish is expected to be low.

Phenylethane(100-41-4)
Bioaccumulative potential | Partition coefficient: octanol/water : log Pow: 2.92
---|---
EC50 (Daphnia magna (Water flea)) | 1.8 mg/l Exposure time: 48 h Test Type: static test
---|---
EC50 (Pseudokirchneriella subcapitata) | 5.4 mg/l Exposure time: 72 h Test Type: static test Analytical monitoring: yes Method: Static GLP: yes
---|---
LC50 (Oncorhynchus mykiss (rainbow trout)) | 4.2 mg/l Exposure time: 96 h Test Type: semi-static test
---|---
Mobility in soil | No data available.
---|---
Other adverse effects | Results of PBT and vPvB assessment : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT). This substance is not considered to be very persistent nor very bioaccumulating (vPvB).
---|---
---|---
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) | (Daphnia): 3.6 mg/l Toxicity to bacteria : GLP: Remarks: No data available Ecotoxicology Assessment Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.
---|---
Xylene(1330-20-7) | Bioaccumulative potential | Partition coefficient: octanol/water : log Pow: 2.77 - 3.15
---|---
EC50 (Pseudokirchneriella subcapitata) | 4.36 mg/l End point: Growth rate Exposure time: 73 h Test Type: static test Analytical monitoring: yes
---|---
IC50 (Daphnia magna (Water flea)) | 1 mg/l Exposure time: 24 h Test Type: static test Test substance: Information given is based on data obtained from similar substances. Method: OECD Test Guideline 202 GLP
---|---
LC50 (Oncorhynchus mykiss (rainbow trout)) | 2.6 mg/l Exposure time: 96 h Test substance: Information given is based on data obtained from similar substances. Method: OECD Test Guideline 203 GLP: No data available
---|---
Mobility in soil | No data available.
---|---
Persistence and degradability | Biodegradability : Inoculum: activated sludge Result: Readily biodegradable. Biodegradation: 72 % Exposure time: 20 d
---|---

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

GENERAL INFORMATION : No data available.

DISPOSAL METHOD: Dispose of waste and residues in accordance with Local, State, and Federal Regulations. Mix with compatible chemical which is less flammable and incenerate. Since emptied containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind or weld or near this container.

14. TRANSPORT INFORMATION

USDOT GROUND
DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME (DOT) : Paint Related Material
HAZARDS CLASS : 3
UN/NA NUMBER : UN1263
PACKING GROUP : PG II
EMERGENCY RESPONSE GUIDE (ERG) : 127

IATA (AIR)
DOT (INTERNATIONAL AIR TRANSPORTATION ASSOCIATION)
PROPER SHIPPING NAME : Paint, flammable liquid
HAZARDS CLASS : 3
UN/NA NUMBER : UN1263
PACKING GROUP : PG II
EMERGENCY RESPONSE GUIDE (ERG) : 127

IMDG (OCEAN)
PROPER SHIPPING NAME : Paint, flammable liquid
HAZARDS CLASS : 3
UN/NA NUMBER : UN1263
PACKING GROUP : PG II
EMERGENCY RESPONSE GUIDE (ERG) : 127
15. REGULATORY INFORMATION

US FEDERAL REGULATIONS
All ingredients in Section #3 are TSCA (Toxic Substance Control Act) listed.

OSHA HAZARDS: Flammable liquid, Moderate skin irritant, Moderate eye irritant, Carcinogen.

EPCRA - Emergency
CERCLA REPORTABLE QUANTITY
Xylene Mixed Isomers (CAS# 1330-20-7) : RQ (lbs) 5000
Phenylethane (CAS# 100-41-4) : RQ (lbs) 5000

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
SARA 311/312 Hazards: Fire Hazard, Acute Health Hazard, Chronic Health Hazard
SARA 313:
Xylene Mixed Isomers CAS# 1330-20-7
Meta Xylene CAS# 108-38-3
Phenylethane CAS# 100-41-4
2-Propanol CAS# 67-63-0

CLEAN AIR ACT:

<table>
<thead>
<tr>
<th>This product contains:</th>
<th>Chemical CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenylethane</td>
<td>100-41-4</td>
</tr>
</tbody>
</table>

INTERNATIONAL REGULATIONS

CLASSIFICATION ACCORDING TO REGULATION (EC) No. 1272/2008 (CLP):
Flam. Liq. 2 H226
Acute Tox. Inhalation, Cat. 4; H332
STOT SE, Inhalation, Cat. 3; H335
Skin Sens. 1; H317

NATIONAL REGULATIONS

<table>
<thead>
<tr>
<th>This product contains:</th>
<th>Chemical CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>#Phenylethane</td>
<td>100-41-4</td>
</tr>
</tbody>
</table>

# Indicates a chemical listed by IARC as a possible carcinogen.

STATE REGULATIONS
CALIFORNIA PROPOSITION 65

<table>
<thead>
<tr>
<th>This product contains:</th>
<th>Chemical CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Phenylethane</td>
<td>100-41-4</td>
</tr>
</tbody>
</table>

*This product contains (a) chemical (s) known to the State of California to cause cancer.
#This product contains (a) chemical (s) known to the State of California to be carcinogenic.
+This product contains (a) chemical (s) known to the State of California to cause birth defects or other reproductive harm.
Massachusetts Right to Know

Pennsylvania Right to Know

New Jersey Right to Know

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS RATING</th>
<th>NFPA CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health :</td>
<td></td>
</tr>
<tr>
<td>Flammability :</td>
<td>3</td>
</tr>
<tr>
<td>Reactivity :</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection :</td>
<td>X</td>
</tr>
</tbody>
</table>

MANUFACTURER DISCLAIMER: The information contained in this Safety Data Sheet is considered to be true and accurate. Cardinal Industrial Finishes makes no warranties, expressed or implied, as to the accuracy and adequacy of this information. This data is offered solely for the user’s consideration, investigation and verification.