MATERIAL (SAFETY DATA SHEET)

PRODUCT PREMIUM BOND 3000

I. Product Identification

Product Identifier: 30260, 30261, 30268, 30269, 30660, 30669, 30785, 30786

Application of the substance/mixture: Adhesive

Manufacturer/Supplier: Chemtel
Delta Kits Inc.
1090 Bailey Hill Rd, Suite A
Eugene Or. 97402
Tel: 800-548-8332
Fax: (541)345-1591

Emergency Telephone number
(800) 255-3925 US
(813) 248-0585 Int.

II. Hazard Identification

Classification according to OSHA Hazard Communication Standard 29 CFR 1910:1200
Skin Irrit. 2 H315; Eye Dam. 1 H318; Skin Sens. 1 H317; STOT SE 3 H335

Label elements

Hazard pictograms
Signal word DANGER

Hazard Statements:
H317 May cause an allergic skin reaction.
H335 May cause respiratory
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements:
Prevention:
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264.1 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response:
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P303+P360 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P332 If skin irritation occurs:
P333 If skin irritation or rash occurs:
P362+P364 Take off contaminated clothing and wash it before reuse.

Storage/Disposal:
P405 Store locked up.
P501.1 Dispose of contents/container to industrial incineration plant.

Other Hazards:
No special hazards have to be mentioned.

III. Composition


<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Weight-%</th>
<th>C. A. S. number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobornyl Acrylate</td>
<td>20-25%</td>
<td>5888-33-5</td>
</tr>
<tr>
<td>2-Hydroxyethyl Methacrylate</td>
<td>10-25%</td>
<td>868-77-9</td>
</tr>
<tr>
<td>Acrylic Acid</td>
<td>3-5%</td>
<td>79-10-7</td>
</tr>
<tr>
<td>3-Methacryloxypropyltrimethoxysilane</td>
<td>1-10%</td>
<td>2530-85-0</td>
</tr>
<tr>
<td>Maleic acid</td>
<td>1-6,6%</td>
<td>110-16-7</td>
</tr>
</tbody>
</table>

IV. First Aid Measures

Description of first aid measures:

General Information:
Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid. In any case show the physician the Safety Data Sheet.

After Inhalation:
Ensure supply of fresh air. When vapours are intensively inhaled, seek medical help immediately.

After skin contact:
Wash off immediately with soap and water. Consult a doctor if skin irritation persists.

After eye contact:
Separate eyelids, was the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion:
If swallowed, seek medical advice immediately and show this container or label. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps. Do not induce vomiting.

Adhere to personal protective measures when giving first aid

Most important symptoms and effects, both acute and delayed:

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

V. Fire-Fighting Measures

Extinguishing media:

Suitable extinguishing media: Dry powder, Carbon dioxide, Foam
Non suitable extinguishing media: Full water jet

Special hazards arising from the substance or mixture:

In case of combustion evolution of dangerous gases possible.

Advice for firefighters:

Special protective equipment for fire-fighting:

Do not inhale explosion and /or combustion gases. In case of combustion use a suitable breathing apparatus.
Collect contaminated fire-fighting water separately, must not be discharged into the drains. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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VI. Accidental Release Measure

Personal precautions, protective equipment and emergency procedures:
Avoid contact with skin, eyes and clothing. Refer to protective measures listed in Sections 7 and 8.

Environmental precautions:
Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater. In case the product spills into sewage waters, immediately inform the authorities.

Methods and material for containment and cleaning up:
Pick up with absorbent material. Dispose of absorbed material in accordance with the regulations.

Reference to other sections:
Refer to protective measures listed in Sections 7 and 8.

VII. Storage and Handling Procedures

Precautions for safe handling:
Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep container tightly closed. Observe the usual precautions for handling chemicals.

Conditions for safe storage, including any incompatibilities:
Keep in original packaging, tightly closed. Storage rooms must be properly ventilated. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Provide solvent-resistant and impermeable floor.

Further information on storage conditions:
Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

VIII. Exposure Controls and Personal Protection

Control parameters
Other information: Contains no substances with occupational exposures limit values.

Exposure controls:
General protective and hygiene measures: Have eye wash fountain available. Do not inhale gases/vapours/aerosols. Avoid contact with skin and eyes. Do not eat, drink, or smoke during work time. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.
Respiratory protection: If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn. Short term: filter apparatus, Filter A
Hand protection:
Chemical resistant gloves
Use: Short term hand contact
Appropriate Material: nitrile
Material thickness: >= 0.4mm
Breakthrough time: > 480 min.

Eye protection:
Safety glasses with side protection shield

Body protection:
Clothing as usual in the chemical industry.

IX. Physical and Chemical Properties

Form/color
Liquid/colorless
Viscosity
1.1 g/cm³
Dynamic pH value
Not Determined

Density:
1,1 g/cm³
 Melting point/freezing point
 Not Determined
 Boiling point
 Not Determined

Odor:
Characteristic
Evaporation Rate
Not Determined
 Water Solubility Values
 Not Determined

Upper/lower flammability or explosive limits
Not Determined
 Solubility/ies
 Not Determined
 Ignition temperature:
 Not Determined

Flash Point:
> 212ºF (100ºC)
 Decomposition Temp.
 Not Determined
 Explosive properties:
 Not Determined

Flammability (solid, gas)
Not Determined
 Oxidizing properties
 Not Determined
 Odor threshold
 Not Determined

Partition coefficient: n-octanol/water
Not Determined

Other information
None Known

X. Stability and Reactivity

Reactivity:
No hazardous reactions when stored and handled according to prescribed instructions.

Chemical stability:
No hazardous reactions known.

Possibility of hazardous reactions:
No hazardous reactions known.

Conditions to avoid:
No hazardous reactions known.

Decomposition temperature:
Not Determined.

Incompatible materials:
None known.

Hazardous decomposition products:
Irritant gases/vapours

XI. Toxicological Information

Information on toxicological effects:
National Toxicology Program (NTP) Components: Maleic acid
International Agency for research on Cancer(IARC) Components: Acrylic acid

Acute oral/dermal toxicity:
ATE
> 10,000 mg/kg
Method Calculated value according to GHS (e.g. see UN GHS)

Acute inhalational toxicity:
ATE
17,6471 mg/l
Method Calculated value according to GHS (e.g. see UN GHS)

<table>
<thead>
<tr>
<th>Components/Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50/4 hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maleic acid</td>
<td>708 mg/kg (Rat)</td>
<td>1560 g/kg (Rabbit)</td>
<td>Not determined</td>
</tr>
<tr>
<td>Acrylic acid</td>
<td>&gt;= 1500 mg/kg (Rat)</td>
<td>&gt;= 2000 mg/kg (Rabbit)</td>
<td>&gt;= 5.1 mg/l (PMT) Vapors</td>
</tr>
<tr>
<td>Hydroxycyclohexyl phenyl ketone</td>
<td>&gt;= 2500 mg/kg (Rat)</td>
<td>&gt; 5000 mg/kg (Rat)</td>
<td>&gt;= 1 mg/l (Rat) Dust/Mist</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: not determined
Serious eye damage/irritation: not determined
Sensitization (Components): not determined

Maleic acid
Route of exposure: Dermal
Species: guinea pig
evaluation: sensitizing

Acrylic acid
evaluation: non sensitizing
Hydroxycyclohexyl phenyl ketone
Species: guinea pig
Evaluation: non sensitizing
Subacute, subchronic, chronic toxicity: not determined
Mutagenicity: not determined
Reproductive toxicity: not determined
Carcinogenicity: not determined
Specific Target Organ Toxicity (STOT): not determined
Experience in practice: Inhalation may lead to irritation of the respiratory tract.
Other information: No toxicological data are available.

XII. Ecological Information
Toxicity:
Components/Chemical name
 EC50 48h LC50 96h LC50 96h EC20 3h

Maleic acid
Acrylic acid
Hydroxycyclohexyl phenyl ketone

Persistence and degradability
Biodegradability Components
Maleic acid Value: 97%; Duration of test: 28 days; Evaluation: Readily biodegradable (according to OECD criteria)
Acrylic acid Value = 1,48 kg/kg

Bioaccumulative potential
Partition coefficient: n-octanol/water not determined

Mobility in soil
Results of PBT and vPvB assessment

Other adverse effects

General information / ecology

XIII. Disposal considerations
Disposal recommendations for the product
Dispose of waste according to applicable legislation.

Disposal recommendations for the packaging
Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

XIV. Transportation information
Transportation method:

Ground transport DOT
Non-dangerous goods.

Marine transport IMDG/GGVSee
The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA
The product does not constitute a hazardous substance in air transport.

XV. Regulatory Information
Safety, health and environmental regulations/legislation specific for the substances or mixture:

US. EPA Emergency Planning and Community Right-to-Know Act (EPCRA) SARA Title III Section 302
Extremely Hazardous Substance (40 CFR 355)

US. EPA Emergency Planning and Community Right-to-Know Act (EPCRA) SARA Title III Section 313
Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Clean water Act (CWA) Section 307 Toxic Pollutants (40 CFR 401.15)

Clean water Act (CWA) Section 311 Toxic Pollutants (40 CFR 116.4)

Clean Air Act (CAA) Section 112 Regulated Toxic Substances And Threshold Quantities For Accidental Release Prevention (40 CFR 68.130 Table 1+2)

Clean Air Act (CAA) Section 112 Regulated Flammable Substances And Threshold Quantities For Accidental Release Prevention (40 CFR 68.130 Table 3+4)

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

XVI. Other information
NFPA Rating Information
Flammability
Health
Instability/Reactivity
Special
HMIS® Rating Information
HEALTH 3
FIRE 1
REACTIVITY 0
PERSONAL PROTECTION

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