1. Identification

   Product name  :  Sikafloor®-315 clear Part A
   Supplier      :  Sika Corporation
   Address       :  201 Polito Avenue
                    Lyndhurst, NJ 07071
                    USA
       www.sikausa.com
   Telephone     :  (201) 933-8800
   Telefax       :  (201) 804-1076
   Emergency telephone :  CHEMTREC: 800-424-9300
                           INTERNATIONAL: 703-527-3887
       ehs@sika-corp.com

Recommended use of the chemical and restrictions on use
:  For further information, refer to the product technical data sheet.

2. Hazards identification

GHS Classification

   Flammable liquids, Category 4  :  H227: Combustible liquid.
   Skin irritation, Category 2    :  H315: Causes skin irritation.
   Eye irritation, Category 2A    :  H319: Causes serious eye irritation.
   Skin sensitization, Category 1 :  H317: May cause an allergic skin reaction.
   Germ cell mutagenicity, Category 2 :  H341: Suspected of causing genetic defects.
   Carcinogenicity, Category 2    :  H351: Suspected of causing cancer.
   Reproductive toxicity, Category 1B :  H360: May damage fertility or the unborn child.
   Specific target organ systemic toxicity - single exposure, Category 1 (Oral) :  H370: Causes damage to organs if swallowed.
   Specific target organ systemic toxicity - repeated exposure, Category 1 (Oral) :  H372: Causes damage to organs through prolonged or repeated exposure if swallowed.

GHS Label element

Hazard pictograms

Signal Word  :  Danger

Hazard Statements
:  H227 Combustible liquid.
   H315 Causes skin irritation.
   H317 May cause an allergic skin reaction.
   H319 Causes serious eye irritation.
   H341 Suspected of causing genetic defects.
   H351 Suspected of causing cancer.
   H360 May damage fertility or the unborn child.
Precautionary Statements:

**Prevention:**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear eye protection/ face protection.
P280 Wear protective gloves.
P281 Use personal protective equipment as required.

**Response:**
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P307 + P311 IF exposed: Call a POISON CENTER or doctor/physician.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P362 Take off contaminated clothing and wash before reuse.
P370 + P378 In case of fire: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment for extinction.

**Storage:**
P403 + P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

**Disposal:**
P501 Dispose of contents/ container to an approved waste disposal plant.

See Section 11 for more detailed information on health effects and symptoms.

### 3. Composition/information on ingredients

**Hazardous ingredients**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol methyl ether acetate</td>
<td>88917-22-0</td>
<td>&gt;= 50 - &lt;= 100 %</td>
</tr>
<tr>
<td>Hydroxyphenyl-benzotriazol derivatives</td>
<td>104810-47-1</td>
<td>&gt;= 5 - &lt; 10 %</td>
</tr>
<tr>
<td>Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-omega.-hydroxy-bis(1,2,6,6-pentamethyl-4-piperidyl) sebacate</td>
<td>104810-48-2</td>
<td>&gt;= 5 - &lt; 10 %</td>
</tr>
<tr>
<td>dibutyltin dilaurate</td>
<td>41556-26-7</td>
<td>&gt;= 2 - &lt; 5 %</td>
</tr>
<tr>
<td></td>
<td>77-58-7</td>
<td>&gt;= 1 - &lt; 2 %</td>
</tr>
</tbody>
</table>
There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

If inhaled
: Move to fresh air.
Consult a physician after significant exposure.

In case of skin contact
: Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.

In case of eye contact
: Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed
: Clean mouth with water and drink afterwards plenty of water.
Induce vomiting immediately and call a physician.
Do NOT induce vomiting.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed
: Allergic reactions
Excessive lachrymation
Erythema
Dermatitis
See Section 11 for more detailed information on health effects and symptoms.
irritant effects
sensitizing effects
toxic effects for reproduction

Protection of first-aiders
: Move out of dangerous area.
Consult a physician.
Show this material safety data sheet to the doctor in attendance.

Notes to physician
: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media
: Carbon dioxide (CO2)

Unsuitable extinguishing media
: Water

Specific extinguishing methods
: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Fire residues and contaminated fire extinguishing water must
be disposed of in accordance with local regulations.

Special protective equipment for fire-fighters:
In the event of fire, wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment.
Deny access to unprotected persons.

Environmental precautions:
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up:
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

7. Handling and storage

Advice on safe handling:
Do not breathe vapors or spray mist.
Avoid exceeding the given occupational exposure limits (see section 8).
Do not get in eyes, on skin, or on clothing.
For personal protection see section 8.
Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.
Smoking, eating and drinking should be prohibited in the application area.
Pregnant women or women of child-bearing age should not be exposed to this product.
Follow standard hygiene measures when handling chemical products.

Conditions for safe storage:
Store in original container.
Keep in a well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Observe label precautions.
Store in accordance with local regulations.

Materials to avoid:
no data available

8. Exposure controls/personal protection

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS-No.</th>
<th>Basis **</th>
<th>Value</th>
<th>Exposure limit(s)* / Form of exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>dibutyltin dilaurate</td>
<td>77-58-7</td>
<td>OSHA Z-1</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ACGIH TWA</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>STEL</td>
<td>OSHA P0</td>
<td>TWA</td>
</tr>
<tr>
<td>----------------------</td>
<td>-------</td>
<td>------</td>
<td>---------</td>
<td>-----</td>
</tr>
<tr>
<td>ethylbenzene 100-41-4</td>
<td>ACGIH</td>
<td>TWA</td>
<td>0.2 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA P0</td>
<td>TWA</td>
<td>0.1 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**Basis**
ACGIH. Threshold Limit Values (TLV)
OSHA P0. Table Z-1, Limit for Air Contaminant (1989 Vacated Values)
OSHA P1. Permissible Exposure Limits (PEL), Table Z-1, Limit for Air Contaminant
OSHA P2. Permissible Exposure Limits (PEL), Table Z-2
OSHA Z3. Table Z-3, Mineral Dust

Engineering measures: Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

Personal protective equipment
Respiratory protection: Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection
Remarks: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is
Eye protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product. Remove respiratory and skin/eye protection only after vapors have been cleared from the area. Remove contaminated clothing and protective equipment before entering eating areas. Wash thoroughly after handling.

9. Physical and chemical properties

Appearance: liquid
Color: clear, amber
Odor: ether-like
Odor Threshold: no data available
Flash point: 187 °F (86 °C)
Ignition temperature: not applicable
Decomposition temperature: no data available
Lower explosion limit (Vol%): no data available
Upper explosion limit (Vol%): no data available
Flammability (solid, gas): no data available
Oxidizing properties: no data available
Autoignition temperature: no data available
pH: Note: not applicable
Melting point/range / Freezing point: no data available
Boiling point/boiling range: no data available
Vapor pressure: no data available
Density: 0.976 g/cm³ at 73 °F (23 °C)
Water solubility : Note: partly soluble
Partition coefficient: n-octanol/water : no data available
Viscosity, dynamic : no data available
Viscosity, kinematic : > 20.5 mm²/s at 104 °F (40 °C)
Relative vapor density : no data available
Evaporation rate : no data available
Burning rate : no data available
Volatile organic compounds (VOC) content : 115 g/l A+B+C Combined

10. Stability and reactivity
Reactivity : No dangerous reaction known under conditions of normal use.
Chemical stability : The product is chemically stable.
Possibility of hazardous reactions : Stable under recommended storage conditions.
Conditions to avoid : Extremes of temperature and direct sunlight.
Incompatible materials : no data available

11. Toxicological information
Acute toxicity
Product
Acute oral toxicity : no data available
Acute inhalation toxicity : no data available
Acute dermal toxicity : no data available

Ingredients:
Dipropylene glycol methyl ether acetate :
Acute oral toxicity : LD50 Oral rat: > 5,000 mg/kg
dibutyltin dilaurate :
Acute oral toxicity : LD50 Oral rat: 2,071 mg/kg

Skin corrosion/irritation
Product
Causes skin irritation.

Serious eye damage/eye irritation

Product
Causes serious eye irritation.

Respiratory or skin sensitization

Product
May cause an allergic skin reaction.

Germ cell mutagenicity

Product
Mutagenicity : Suspected of causing genetic defects.

Carcinogenicity

Product
Carcinogenicity : Suspected of causing cancer.

IARC
Group 2B: Possibly carcinogenic to humans
ethylbenzene 100-41-4
not applicable

NTP

Reproductive Toxicity/Fertility

Product
Reproductive toxicity : May damage fertility or the unborn child.

Reproductive Toxicity/Development/Teratogenicity

Product
Teratogenicity : no data available

STOT-single exposure

Product
Assessment: Causes damage to organs if swallowed.

STOT-repeated exposure

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Product
Assessment: Causes damage to organs through prolonged or repeated exposure if swallowed.

Aspiration toxicity

Product
no data available
12. Ecological information

Other information

Do not empty into drains; dispose of this material and its container in a safe way.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
May be harmful to the environment if released in large quantities.
Water polluting material.

Component:

dibutyltin dilaurate 77-58-7

Toxicity to fish:

LC50
Species: Fish
Dose: 3.1 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

EC50
Species: Daphnia
Dose: 1 mg/l
Exposure time: 48 h

Toxicity to algae:

EC50
Species: Selenastrum capricornutum (green algae)
Dose: 1 - 10 mg/l
Exposure time: 72 h

13. Disposal considerations

Disposal methods

Waste from residues : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT
Not regulated

IATA
UN number 3082
Description of the goods Environmentally hazardous substance, liquid, n.o.s.
(bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate)
Class 9
Packing group III
Labels 9
Packing instruction (cargo aircraft) 964
Packing instruction (passenger aircraft) 964
Packing instruction (passenger aircraft) Y964

IMDG
UN number 3082
Description of the goods ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate)
Class 9
Packing group III
Labels 9
EmS Number 1 F-A
EmS Number 2 S-F
Marine pollutant yes

IMDG: For Limited Quantity special provisions reference IMDG Code Chapter 3.4

Special precautions for user
no data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
not applicable

15. Regulatory information

TSCA list: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

EPCRA - Emergency Planning and Community Right-to-Know
CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA304 Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards: Fire Hazard
Acute Health Hazard
Chronic Health Hazard
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

California Prop 65

WARNING: Cancer – www.P65Warnings.ca.gov

16. Other information

HMIS Classification

<table>
<thead>
<tr>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>3</td>
<td>2</td>
<td>X</td>
</tr>
</tbody>
</table>

Caution: HMIS® rating is based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® rating is not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® rating is to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). Please note HMIS® attempts to convey full health warning information to all employees.

Notes to Reader

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Revision Date 04/07/2014

Material number: 402892