



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.



H370 Causes damage to organs if swallowed.
 H372 Causes damage to organs through prolonged or repeated exposure if swallowed.

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

| Chemical Name | CAS-No. | Concentration (%) |
|--|-------------|-------------------|
| Dipropylene glycol methyl ether acetate | 88917-22-0 | >= 50 - <= 100 % |
| Hydroxyphenyl-benzotriazol derivates | 104810-47-1 | >= 5 - < 10 % |
| Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate | 104810-48-2 | >= 5 - < 10 % |
| dibutyltin dilaurate | 41556-26-7 | >= 2 - < 5 % |
| | 77-58-7 | >= 1 - < 2 % |



| | | |
|---|------------|--------------|
| methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate | 82919-37-7 | >= 0 - < 1 % |
| ethylbenzene | 100-41-4 | >= 0 - < 1 % |

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

| Component | CAS-No. | Basis ** | Value | Exposure limit(s)* / Form of exposure |
|----------------------|---------|----------|-------|---------------------------------------|
| dibutyltin dilaurate | 77-58-7 | OSHA Z-1 | TWA | 0.1 mg/m ³ |
| | | ACGIH | TWA | 0.1 mg/m ³ |



| | | | | |
|--------------|----------|----------|------|----------------------|
| | | ACGIH | STEL | 0.2 mg/m3 |
| | | OSHA P0 | TWA | 0.1 mg/m3 |
| ethylbenzene | 100-41-4 | ACGIH | TWA | 100 ppm |
| | | ACGIH | STEL | 125 ppm |
| | | OSHA Z-1 | TWA | 100 ppm 435 mg/m3 |
| | | OSHA P0 | TWA | 100 ppm 435 mg/m3 |
| | | OSHA P0 | STEL | 125 ppm 545 mg/m3 |

*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 Contaminat (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



necessary.

| | |
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| 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/cm ³ 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 mm ² /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

NTP

not applicable

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 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : 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

Ozone-Depletion Potential 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

| | | |
|----------------------------|---|---|
| Health | * | 3 |
| Flammability | | 2 |
| Physical Hazard | | 0 |
| Personal Protection | | X |

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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All sales of Sika products are subject to its current terms and conditions of sale available at www.sikausa.com or 201-933-8800.

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