

Safety Data Sheet

acc. To OSHA HCS

Revision Date: 11/17/2015

1 Identification

Product Identifier *Crystal Clear Seal SB*

Article number:

Relevant Identified uses of the substance or mixture and uses advised against *No further relevant information available*

Application of the substance / the mixture

Details of the supplier of the safety data sheet

Manufacturer/Supplier *Lambert Corporation
20 Coburn Ave. Orlando, FL 32805
(407) 841-2940*

Emergency Telephone Number: *(800) 424-9300 - Chemtrec*

Information Department: *Environmental, Health, and Safety department*

2 Hazard(s) Identification

Classification of the substance or mixture

| | | |
|--------------------------|-------------|--|
| <i>Flam. Liq. 3</i> | <i>H226</i> | <i>Flammable liquid and vapor</i> |
| <i>Skin Irrit. 2</i> | <i>H315</i> | <i>Causes eye irritation</i> |
| <i>Eye Irrit. 2A</i> | <i>H319</i> | <i>Causes serious eye irritation</i> |
| <i>Muta. 1B</i> | <i>H340</i> | <i>May cause genetic defects</i> |
| <i>Carc. 1B</i> | <i>H350</i> | <i>May cause cancer</i> |
| <i>STOT RE 1</i> | <i>H372</i> | <i>Causes damage to the central nervous system through prolonged or repeated exposure.</i> |
| <i>Asp. Tox. 1</i> | <i>H304</i> | <i>May be fatal if swallowed and enters airways</i> |
| <i>Aquatic Chronic 3</i> | <i>H412</i> | <i>Harmful to aquatic life with long lasting effects.</i> |

Label Elements

GHS label elements

Hazard Pictograms



GHS02 GHS07 GHS08

Signal Word *Danger*

Hazard-determining components of labeling:

Stoddard solvent

Solvent naphtha (petroleum), light arom

Naphtha (petroleum), hydrodesulfurized heavy

Hazard Statements

May cause cancer.

Flammable liquid and vapor. □

Causes skin irritation.

Causes serious eye irritation

May cause genetic defects

Causes damage to the central nervous system through prolonged or repeated exposure

May be fatal if swallowed and enters airways

Harmful to aquatic life with long lasting effects.

Precautionary statements

If medical advice is needed, have product container or label at hand

Keep out of reach of children

Read label before use

Use personal protective equipment as required.

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

IF exposed or concerned: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations

Classification system:

NFPA ratings (scale 0 - 4)



Health = 1

Fire = 0

Reactivity = 0

HMIS ratings (scale 0 - 4)

| | |
|-----------------|---|
| HEALTH | 1 |
| FIRE | 2 |
| PHYSICAL HAZARD | 0 |

Health = 1

Fire = 2

Reactivity = 0

Other Hazards

Results of PBT and vPvB assessment

PBT: *Not applicable*

vPvB: *Not applicable*

Chemical Characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions

Dangerous Components:

| | |
|------------|--|
| 64742-88-7 | Mineral Spirits |
| 64742-95-6 | Solvent naphtha (petroleum), light arom. |
| 64742-95-6 | Trimethylbenzene |
| 1330-20-7 | xylene |
| 67-64-1 | Acetone |
| 108-88-3 | Toluene |
| 25036-16-2 | Styrene Acrylate Polymer |

Additional information : For the wording of the listed risk phrases refer to section 16.

4 First-Aid Measures**Description of first aid measures**

After Inhalation: Supply fresh air; consult doctor in case of complaints

After Skin Contact: Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor

After Eye Contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After Swallowing: Seek medical treatment

Most important symptoms and effects, both acute and delayed: No further information available

Indication of any immediate medical attention and special treatment needed: No further information available

5 Fire-Fighting Measures**Extinguishing media:**

Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

Special hazards arising from the substance or mixture: Formation of toxic gases is possible during heating or in case of fire

Advice for firefighters:

Protective equipment: Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode

6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Environmental procedures: *Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.*

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents

Reference to other sections:

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and Storage

Precautions for safe handling: *Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.*

Information for protection against explosions and fires:

Keep ignition sources away - Do not smoke

Protect against electrostatic charges

Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities:

Storage:

Requirements to be met by storerooms and receptacles: *No special requirements*

Information about storage in one common storage facility: *Not required.*

Further information about storage conditions: *Keep receptacle tightly sealed.*

Specific end use(s): *N/A*

8 Exposure Controls/Personal Protection

Additional information about design of technical systems: *N/A*

Control parameters:

Components with limit values that require monitoring at the workplace:

64742-88-7 Mineral Spirits

PEL Long-term value: 2900 mg/m³, 500 ppm

REL Long-term value: 350 mg/m³

Ceiling limit value: 1800* mg/m³

*15-min

TLV *Long-term value:* 525 mg/m³, 100 ppm

64742-95-6 Trimethylbenzene

REL *Long-term value:* 125 mg/m³, 25 ppm

TLV *Long-term value:* 125 mg/m³, 25 ppm

1330-20-7 xylene

PEL *Long-term value:* 435 mg/m³, 100 ppm

REL *Short-term value:* 655 mg/m³, 150 ppm

Long-term value: 435 mg/m³, 100 ppm

TLV *Short-term value:* 651 mg/m³, 150 ppm

Long-term value: 434 mg/m³, 100 ppm

BEI

Ingredients with biological limit values

1330-20-7 xylene

BEI 1.5 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

Additional information: The lists that were valid during the creation were used as basis

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work

Store protective clothing separately

Avoid contact with the eyes and skin.

Breathing equipment *In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.*

Protection of hands:



Protective Gloves

Material of gloves: Nitrile Rubber

Penetration time of glove material: *The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed*

Eye protection: *Wear appropriate eye protection to prevent eye contact.*

9 Physical and Chemical Properties

Information of basic physical and chemical properties

General information

Appearance:

| | |
|--|---|
| Form: | <i>Liquid</i> |
| Color: | <i>According to product specification</i> |
| Odor: | <i>Characteristic</i> |
| Odor threshold: | <i>Not determined</i> |
| pH- value: | <i>Not determined</i> |
| Change in condition: | |
| Melting point/Melting range: | <i>Not determined</i> |
| Boiling point/Boiling range: | <i>280 °F (138 °C)</i> |
| Flash point: | <i>106 °F (41 °C)</i> |
| Flammability (solid, gaseous): | <i>Not applicable</i> |
| Ignition temperature:: | <i>446 °F (230 °C)</i> |
| Decomposition temperature: | <i>Not determined</i> |
| Auto igniting: | <i>Not self-igniting</i> |
| Danger of explosion: | <i>Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</i> |
| Explosion limits: | |
| Lower: | <i>0.7 Vol %</i> |
| Upper: | <i>7.5 Vol %</i> |
| Vapor pressure at 20 °C (68 °F): | <i>5 hPa (4 mm Hg)</i> |
| Density at 20 °C (68 °F) | <i>0.88798 g/cm³ (7.41 lbs/gal)</i> |
| Relative density: | <i>Not determined</i> |
| Vapor density: | <i>Not determined</i> |
| Evaporation rate: | <i>Not determined</i> |
| Solubility in / Miscibility with Water: | <i>Not miscible or difficult to mix</i> |
| Partition coefficient (n-octanol/water) | <i>Not determined</i> |
| Viscosity: | |
| Dynamic: | <i>Not determined</i> |
| Kinematic: | <i>Not determined</i> |
| Solvent content: | |
| Organic solvents: | <i>39.90%</i> |

| | |
|------------------------------------|----------------------------|
| Solids content: | 24.90% |
| Other information: | None |
| Volatile organic compounds: | Contains less than 700 g/L |

10 Stability and Reactivity

Reactivity: No decomposition if stored and applied as directed

Chemical stability:

Thermal decomposition / Conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: Keep away from heat and sources of ignition

Incompatible materials: No further relevant information available

Hazardous decomposition products: No dangerous decomposition products known

11 Toxicological Information:

Information on toxicological effects:

Acute toxicity:

LD/LC50 Values that are relevant for classification:

64742-95-6 Trimethylbenzene

Oral LD50 5000 mg/kg (rat)

Primary irritant effect:

on the skin: May cause skin irritation

on the eye: Strong irritant with the danger of severe eye injury

Sensitization: No sensitizing effects known

Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Carcinogenic.

The product can cause inheritable damage.

Carcinogenic categories

IARC (International Agency for Research on Cancer)

1330-20-7 xylene

NTP (National Toxicology Program)

None of the ingredients listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients listed.

12 Ecological Information

Toxicity:

Aquatic toxicity: *No further relevant information available.*

Persistence and degradability: *No further relevant information available.*

Bioaccumulative potential: *No further relevant information available.*

Mobility in soil: *No further relevant information available.*

Remark: *Harmful to fish*

Additional ecological information:

General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Water hazard class 1 (Self-assessment): slightly hazardous for water

Harmful to aquatic organisms

Results of PBT and vPvB assessment:

PBT: *Not applicable*

vPvB: *Not applicable*

Other adverse effects: *No further relevant information available.*

13 Disposal Considerations

Waste treatment methods:

Recommendation: *Must not be disposed of as normal garbage. Do not allow product to reach sewage system. It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.*

Uncleaned packagings:

Recommendation: *Disposal must be made according to Federal, State, and Local regulations*

14 Transport Information

UN-Number:

DOT, ADR, IMDG, IATA: *N/E*

UN proper shipping name:

DOT *Petroleum distillates, n.o.s.*

ADR: 1268 Petroleum distillates, n.o.s.
IMDG, IATA PETROLEUM DISTILLATES, N.O.S.

Transport hazard class(es):

DOT



Class: 3 Flammable liquids

Label: 3

ADR, IMDG, IATA



Class: 3 Flammable liquids

Label: 3

Packing group:

DOT, ADR, IMDG, IATA: III

Environmental hazards:

Marine pollutant: No

Special precautions for user Warning: Flammable liquids

Danger code (Kemler): 30

EMS Number: F-E,S-E

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable

Transport/Additional information:

ADR:

Excepted quantities (EQ) Code: E1
 Maximum net quantity per inner packaging: 30 ml
 Maximum net quantity per outer packaging: 1000 ml

U.S. Domestic Ground Shipments: Combustible liquids, n.o.s. (Petroleum Distillates), NA1993, PG III

U.S. Domestic ground Non-Bulk (119 gal or less per container) Shipments: DOT: Not regulated

Emergency Response Guide (ERG) Number: Not determined

IMDG

Limited quantities (LQ) 5L

Excepted quantities (EQ) Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":

N/E

15 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

Sara:

Section 355 (extremely hazardous substances): None of the ingredient is listed

Section 313 (Specific toxic chemical listings):

This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below

95-63-6 1,2,4-trimethylbenzene

1330-20-7 xylene

TSCA (Toxic Substances Control Act):

All ingredients are listed

Proposition 65:

Chemicals known to the State of California (Prop. 65) to cause cancer:

64742-95-6 Solvent naphtha (petroleum), light arom.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients listed.

Chemicals known to cause developmental toxicity:

None of the ingredients listed.

Cancerogenity categories:

EPA (Environmental Protection Agency):

1330-20-7 xylene

TLV (Threshold Limit Value established by ACGIH):

1330-20-7 xylene

MAK (German Maximum Workplace Concentration):

None of the ingredients listed.

NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients listed.

GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:

GHS02 GHS07 GHS08

Signal word: *Danger***Hazard-determining components of labeling:***Mineral spirits**Solvent naphtha (petroleum), light arom***Hazard statements:***Flammable liquid and vapor**Causes skin irritation**Causes serious eye irritation**May cause genetic defects**May cause cancer.**Causes damage to the central nervous system through prolonged or repeated exposure**May be fatal if swallowed and enters airways**Harmful to aquatic life with long lasting effects***Precautionary statements:***Keep away from heat/sparks/open flames/hot surfaces. - No smoking**If swallowed: Immediately call a poison center/doctor**IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower**If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing**Store locked up.**Dispose of contents/container in accordance with local/regional/national/international regulations***National regulations:****Information about limitation of use:***Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases***Water hazard class:** *Water hazard class 3 (Self-assessment): extremely hazardous for water***Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.***16 Other Information****Department issuing MSDS:** *Environmental, Health & Safety Department***Contact:** *Environmental, Health & Safety Manager***Date of preparation / Last revision:** *11/17/2015***Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Muta. 1B: Germ cell mutagenicity, Hazard Category 1B

Carc. 1B: Carcinogenicity, Hazard Category 1B

STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1