

Safety Data Sheet
acc. to OSHA HCS

Printing Date 05/06/2015

Revision Number 4

Revision Date 05/06/2015

1 Identification

- **Product identifier**
- **Part Number: 501LSD**
- **Article number: 12724**
- **Relevant identified uses of the substance or mixture. Sealant**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Dicor Corporation
2965 LaVanture Pl
Elkhart IN 46514
Information Phone Number: 574-264-2699
- **Information department: Environment protection department.**

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS07

STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS02 GHS07

- **Signal word** Danger
- **Hazard statements**
Highly flammable liquid and vapor.
May cause drowsiness or dizziness.
- **Precautionary statements**
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
Take precautionary measures against static discharge.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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Call a poison center/doctor if you feel unwell.

In case of fire: Use for extinction: CO₂, powder or water spray.

Store locked up.

Store in a well-ventilated place. Keep container tightly closed.

Store in a well-ventilated place. Keep cool.

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

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 1

Fire = 3

Reactivity = 0

· **HMIS-ratings (scale 0 - 4)**



Health = 1

Fire = 3

Physical Hazard = 0

· **Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

* 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Description:** Mixture

· **Hazardous components:**

64742-89-8	Solvent naphtha (petroleum), light aliph.(VM&P)	25-50%
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* 4 First-aid measures

· **Description of first aid measures**

· **After inhalation:**

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:**

Rinse opened eye for 20 minutes under running water. If eye becomes irritated, obtain medical treatment.

· **After swallowing:** Seek immediate medical advice.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

* 5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire fighting measures that suit the environment.

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- **Advice for firefighters**
- **Protective equipment:**
 - Coveralls
 - Respiratory protective device.

* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
 - Wear protective equipment. Keep unprotected persons away.
 - Ensure adequate ventilation
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
 - Dispose of contaminated material as waste in accordance with federal state and local regulations.
 - Ensure adequate ventilation.
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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

- **Handling:**
- **Precautions for safe handling**
 - Avoid prolonged or repeated contact with skin.
 - Avoid contact with eyes.
 - Wash thoroughly after handling.
 - Ensure good ventilation/exhaustion at the workplace.
 - Prevent formation of aerosols.
 - Open containers in a well ventilated area and avoid breathing headspace vapors.
- **Information about protection against explosions and fires:**
 - Store in cool dry area away from direct heat (60-90 degrees F).
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
 - Requirements to be met by storerooms and receptacles:** Store in a cool location away from direct heat.
 - Information about storage in one common storage facility:** Store as flammable liquid.
 - Further information about storage conditions:** Keep receptacle tightly sealed.
 - Specific end use(s)** No further relevant information available.

* 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**
 - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation were used as basis.

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- **Exposure controls**
- **Personal protective equipment (see listings below)**
- **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.
- **Breathing equipment:**
 Use approved respiratory protection equipment when airborne exposure is excessive. Consult the respirator manufacturer to determine the appropriate type of equipment for a given application. Observe respirator use limitations specified by the manufacturer.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**
 Nitrile rubber, NBR
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Eye protection:** Safety glasses with side shields.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

Form:	Paste
Color:	Light grey
- **Odor:** Characteristic
- **Odour threshold:** Not determined.
- **Change in condition**

Melting point:	Undetermined.
Boiling point:	127 °C (261 °F)
- **Flash point:** 13 °C (55 °F)
- **Auto igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Specific gravity:** 1.170
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not determined
- **Solubility in / Miscibility with**

Water:	Insoluble
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- **Viscosity:**

Dynamic:	Not determined.
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Kinematic:	Not determined.
Solvent content:	
Organic solvents:	33.6 %
Solids content:	66.4 %
Other information	VOC: = 3.10 lb/gal OR 372 GRAMS/L Weight per gallon: = 9.23 LBS/GAL

10 Stability and reactivity

- **Reactivity**
- **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** No further relevant information available.
- **Incompatible materials:** Strong oxidizers, acids, and bases.
- **Hazardous decomposition products:**
OXIDES OF CARBONS AND NITROGEN UNDER BURNING CONDITIONS.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** May irritate the skin.
- **on the eye:** May irritate the eye.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
None of the ingredients is listed.
- **NTP (National Toxicology Program)**
None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** At present there are no ecotoxicological assessments.

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- **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 be specially treated adhering to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

* 14 Transport information

· UN-Number	
· DOT, ADR, IMDG, IATA	UN1133
· UN proper shipping name	
· DOT, IMDG, IATA	ADHESIVES
· ADR	1133 ADHESIVES
· 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:	Not applicable.
· Special precautions for user	Warning: Flammable liquids
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	Limited Quantity [DOT ground] - 5 Liters (1.3 gallons) and less (PG III materials) may be classified as LTD. QTY. 49 CFR 173.150 (b) (3)

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· **IMDG**· **Remarks:** *Non regulated*· **UN "Model Regulation":** *UN1133, ADHESIVES, 3, III*

* 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**· **Sara**· **Section 355 (extremely hazardous substances):***None of the ingredients is listed.*· **Section 313 (Specific toxic chemical listings):***None of the ingredients is listed.*· **TSCA (Toxic Substances Control Act):***All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements.*· **Proposition 65**· **Chemicals known to cause cancer:***All ingredients are listed.*· **Chemicals known to cause reproductive toxicity:***None of the ingredients is listed.*· **(DSL) Canada Domestic Substance List***All components of this product are on the DSL(Canada Domestic Substance list) or are exempt from DSL requirements.*· **Carcinogenity categories**· **EPA (Environmental Protection Agency)***None of the ingredients is listed.*· **TLV (Threshold Limit Value established by ACGIH)***None of the ingredients listed.*· **MAK (German Maximum Workplace Concentration)***None of the ingredients is listed.*· **NIOSH-Ca (National Institute for Occupational Safety and Health)***None of the ingredients is listed.*· **National regulations:**· **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

Although the information and recommendations set forth in this SDS are presented in good faith and are believed to be correct as of the date of this SDS, Dicor Corporation makes no representations as to the completeness or accuracy thereof. Information is supplied on the condition that the persons receiving and using it will make their own determination as to the suitability for their purpose prior to use. In no event will Dicor Corporation or any affiliate thereof be responsible for damages of any nature whatsoever resulting from the use or reliance on the information set forth in the SDS.

· **Department issuing SDS:** *Environment protection department.*

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· Creation Date: 07/31/2007**· Date of preparation / last revision** 05/06/2015 / 3**· Abbreviations and acronyms:***RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**ICAO: International Civil Aviation Organisation**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)**Flam. Liq. 2: Flammable liquids, Hazard Category 2**STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3*

USA