SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH), (EC) No. 878/2020

Version: 1.0

Date of issue: 18/03/2025

Revision Date: ---

LAUROKYD S-652 Coating Resin

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Name : **LAUROKYD S-652**

Unique formula identifier (UFI) : TG10-V01R-F00J-2KCC

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : Coating resin
For professional users only

1.3 Details of the supplier of the safety data sheet

Company (Manufacturer/Distributor) : TRIPKO CONSULTING LTD
Greek Branch
Kartsivani 6
17564, Paleo Faliro - Greece

Telephone : +30 2130037674

1.4 Emergency telephone number

Poison Centre Telephone: +30 210 7793777
Company Telephone: +30 2130037674, 10:00-18:00
Email: support@tripkoconsulting.com

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Liq. 3	H226: Flammable liquid and vapour.
STOT SE 3	H336: May cause drowsiness or dizziness
Carc. 1B	H350: May cause cancer.
STOT RE 1	H372: Causes damage to organs (central nervous system) through prolonged or repeated exposure (inhalation).
Aquatic Chronic 2	H411: Toxic to aquatic life with long lasting effects.

2.2 Label elements

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Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Hazard pictograms (CLP)


GHS02


GHS07


GHS08


GHS09

Signal word

Danger

Hazard statements

H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness
H350	May cause cancer.
H372	Causes damage to organs (central nervous system) through prolonged or repeated exposure (in
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

General:

P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read carefully and follow all instructions.

Prevention:

P201: Obtain special instructions before use.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P243: Take action to prevent static discharges.
P260: Do not breathe dust/fume/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:	P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P303 + P361 + P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313: IF exposed or concerned: Get medical advice/attention. P331: Do NOT induce vomiting. P337 + P313: If eye irritation persists: Get medical advice/attention. P362 + P364: Take off contaminated clothing and wash it before reuse. P370 + P378: In case of fire: Use foam, CO_2 or dry powder to extinguish. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P391: Collect spillage.
Storage:	P403 + P235: Store in a well-ventilated place. Keep cool. P405: Store locked up.
Disposal:	P501: Dispose of contents/container in accordance with local regulations.
Hazardous substances:	Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
Additional labelling:	EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

None of the components of the mixture meet the criteria for classification according to Regulation (EC) No. 1907/2006, Annex XIII, as PBT or vPvB, or as endocrine disruptors.
For the full text of the H-Phrases referred to in this section, see section 16.

SECTION 3: Composition/information on ingredients

3.1 Mixtures

Hazardous ingredients

Chemical name	CAS-No. EC-No. Registration number	Classification (1272/2008/EC)	Concentraion [% w/w]	Specific Concentration Limits	M-Factors

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	- 919-446-0	Flam. Liq. 3 H226, Carc. 1B H350, STOT RE 1 H372, Asp. Tox. 1 H304, Aquatic Chronic 2 H411, STOT SE 3 H336, EUH066	**20-35**		**M(Chronic)=0**

SECTION 4: First aid measures

4.1 Description of first aid measures

General information : Never administer anything orally without medical guidance. In the case of an accident or are feeling unwell, contact the Poison Control Centre or seek medical advice. Carefully read and follow all of the instructions on the label.

In case of inhalation : Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation.

In case of skin contact : Get medical aid immediately. Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes.

In case of eye contact : Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

In case of ingestion : Not likely to be ingested due to its high viscosity. In case of accidental ingestion, do NOT induce vomiting. If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Contact the Poison Control Center and seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms after:

- **Inhalation:** Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. High vapour concentrations may cause drowsiness. May cause respiratory track irritation. The toxicological

properties of this substance have not been fully investigated. Aspiration may lead to pulmonary edema. Vapours may cause dizziness or suffocation. May cause burning sensation in the chest. Vapours may cause drowsiness and dizziness.

Skin contact: May cause skin irritation. May cause cyanosis of the extremities. Repeated exposure may cause skin dryness or cracking.

Eye contact: May cause eye irritation. May cause chemical conjunctivitis and corneal damage.

Ingestion: Not likely to be ingested due to its high viscosity. May cause gastrointestinal irritation with nausea, vomiting and diarrhoea. May cause central nervous system depression, characterized by excitement, followed by headache, dizziness, drowsiness, and nausea. Advanced stages may cause collapse, unconsciousness, coma and possible death due to respiratory failure. The toxicological properties of this substance have not been fully investigated. Ingestion of large amounts may cause CNS depression.

Chronic effects: Prolonged or repeated skin contact may cause dermatitis. Effects may be delayed.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Call a POISON CENTER/doctor if you feel unwell.
Medical information: Bring this safety data sheet or the label from this product.
Symptomatic treatment should be provided.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents : The material is flammable and sustains combustion.
If the product is involved in a fire, use: foam, carbon dioxide or dry powder, whilst taking into account the other participating materials.

Unsuitable extinguishing agents : Water in NOT suitable

5.2 Special hazards arising from the substance or mixture

Specific hazards when extinguishing a fire : Hazardous decomposition products in case of a fire: As with all organic materials, toxic gases can be released in case of fire (CO). No action should be taken when personnel is at risk or without the personnel having the proper training. Remove personnel that is not in the fire-fighting team.

Approach the fire from the side that has the same direction as the wind. Remove the product from the fire if it is possible to do so without danger. Use a self-contained breathing apparatus when coming into contact with fumes.

To cool products that are near the fire, use: water spray, foam, carbon dioxide or dry powder.

5.3 Advice for firefighters

Special protective equipment for firefighters : Firefighters should wear appropriate protective gear and a positive pressure self-contained breathing apparatus (SCBA) with a full face mask.
Clothing for firefighters (including helmets, protective boots and gloves) that complies with the European standard EN 469 will provide a basic level of protection in the case of chemical incidents.

Other information : Fire residue and contaminated extinguishing by-products must be disposed of in accordance with local authority guidelines.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For large area release: Evacuate non-essential personnel. Use appropriate protective equipment, eye/face protection and appropriate gloves. Ensure adequate ventilation and respiratory protection. The incident should be dealt with by appropriately trained personnel.

6.2 Environmental precautions

Avoid runoff into storm sewers and ditches which lead to waterways.

6.3 Methods and materials for containment and cleaning up

Locate and isolate the source of the leak if it is safe to do so.
Scoop up the product with a nonsparking tool, then place into a suitable container for disposal. Use water spray to disperse the gas/ vapour. Remove all sources of ignition. Absorb spill using an absorbent, non-combustible material such as mud, sand, or vermiculite. Do not use combustible materials such as saw dust. Provide ventilation.
Non-standard or contaminated products must be disposed of as hazardous waste in accordance with national regulations.

6.4 Reference to other sections

See section: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Precautions for safe handling : Wash hands and exposed skin thoroughly after handling. Remove contaminated clothing and wash before reuse. Use

with adequate ventilation. Use spark-proof tools and explosion proof equipment. Empty containers retain product residue, (liquid and/ or vapour), and can be dangerous. Take precautionary measures against static discharges. Do not get on skin or in eyes. Do not ingest or inhale.
Wear personal protective equipment (see section 8).
Do not eat, drink or smoke when handling.

Protection against fire or explosion : Protection from ignition sources

Dust explosion class : Non-applicable.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in accordance with local regulations. Store away from flammable materials and moisture. Store in the original container protected from direct sunlight in a dry, cool and ventilated area, away from incompatible materials (see section 10).
Keep container closed until use. Opened containers should be carefully resealed and kept upright to prevent spillage of the product.

Tips for shared storage : Keep away from food, drink and animal feed. Keep away from children.

Storage temperature : Ambient temperature (5 - 30°C)

Other information : The product is flammable.

7.3 Specific end use(s)

Coating resin

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The product does not contain substances for which critical occupational exposure limits have been established and should be reviewed based on Greek Legislation. However, the limit recommendations from the Manufacturers based on the safety data sheets of the raw materials are listed below for further information.

Work place limits that have to be followed and supervised:

DNEL

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)| EC: 919-446-0

Duration:	Route of Exposure:	DNEL:
Long term – Systemic - Workers	Inhalation	330 mg/m³
Short term – Systemic – Workers	Inhalation	570 mg/m³

Long term – Systemic – Workers	Dermal	21 mg/kg bw/day
Long term – Systemic - Consumers	Inhalation	71 mg/m³
Short term – Systemic – Consumers	Inhalation	570 mg/m³
Long term – Systemic – Consumers	Dermal	12 mg/kg bw/day
Long term – Systemic – Consumers	Oral	21 mg/kg bw/day
Long term – Systemic – Consumers	Oral	1,9 mg/kg

8.2 Exposure controls

Appropriate engineering controls

Use adequate ventilation to keep airborne concentrations low.

Personal protection equipment

Respiratory protection : Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines, or when there isn't sufficient ventilation. Follow the OSHA respirator regulations found in 29CFR 1910.134 or European Standard EN 149 if respiratory protection is needed. Respiratory protection is not needed in a good ventilated space.

Hand protection

Glove use

Material : Nitrile gloves, chemical resistant gloves, protective gloves (EN 374, EN 420) and gloves for protection against mechanical hazards (EN 388).

Glove thickness : ---

Durability : ---

General notes : The final choice of glove material should be made taking into account penetration time, degree of permeability and frequency of use.

Eye and face protection : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin and body protection : Body protection wear is selected depending on the amount and concentration of the hazardous substance in the workplace.

Hygiene measures : Recommended protective measures to be taken into account when handling chemicals:

- General practical hygiene measures.
- Do not inhale the vapors.
- When using it do not eat, drink or smoke.
- Wash hands after handling the product.
- Avoid contact with skin and eyes.

Environmental exposure controls

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General advice	:	Uncontrolled discharge of unused product into surface waters or sewers is prohibited. Dispose of the product and packaging in accordance with local, national and international Regulations. If the product leaks into rivers or lakes, inform the relevant authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State:	Liquid
Appearance:	Clear, yellowish to brown
Odour:	Slight, white spirit
PH:	N/A
Vapor Pressure:	5 mbar
Viscosity:	(25°C) 200 - 300 dPa.s
Boiling Point:	160-192 °C
Freezing/Melting Point:	N/A
Autoignition Temperature:	500°C
Flash Point:	40°C
Explosion Limits, lower:	(white spirit) 0,7% v
Explosion Limits, upper:	(white spirit) 6,5% v
Decomposition Temperature:	N/A
Solubility in water:	No
Specific Gravity/Density:	1,0 g/ml
Solubility in solvent:	Hydrocarbons
Non-volatile:	70%

9.2 Other information

None known.

SECTION 10: Stability and reactivity

10.1 Reactivity

Non-reactive.

10.2 Chemical stability

The product is stable under normal handling and storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions if used for the intended purpose.

10.4 Conditions to avoid

Elevated temperatures and all sources of ignition.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

Hazardous polymerization does not occur. Under normal storage and handling conditions, no hazardous decomposition products should be produced. But it can decompose if heated. Depending on the conditions, decomposition can release toxic gases such as CO.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Hazardous health effects

No others are mentioned beyond:

11.1.1. Ingestion:

Based on the available data, the classification criteria are not met, however the product may cause harm if swallowed (see section 3).

11.1.2. Inhalation:

Based on the available data, the classification criteria are not met (see section 3).

11.1.3. Skin and eye contact:

Based on the available data, the classification criteria are not met (for more information see section 3).

11.1.4. CMR effects (Carcinogenic, mutagenic and reprotoxic):

No known significant effect or critical risk.

Carcinogenic: May cause cancer (see section 3).

11.1.5. Respiratory or skin sensitization:

Based on the available data, the classification criteria are not met (see section 3).

11.1.6. Specific target organ toxicity (STOT) - single exposure:

May cause drowsiness or dizziness (see section 3).

11.1.7. Specific target organ toxicity (STOT) – repeated exposure:

Causes damage to organs (central nervous system) through prolonged or repeated exposure (inhalation).

11.1.8. Aspiration hazard:

The product does not have a kinematic viscosity ≤ 20.5 mm^2/s, measured at 40 ºC, no aspiration hazard, classification criteria not met (see section 3).

The available data of the individual components per route of exposure are listed.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%):

Acute oral toxicity LD50 rat	> 15.000 mg/kg
Acute skin toxicity LD50 rabbit	> 3.400 mg/kg
Acute inhalation toxicity (vapors) LC50/4 h rat	> 13.100 mg/l

Neurological effects

: There is no harmful effect or critical risk

Toxicological assessment

Toxicity, Metabolism, Distribution

No adverse effect observed

Acute effects

STOT-single exposure: Category 3 (Narcotic effect):

This product can have an effect on the central nervous system. Inhalation of high concentration vapor can cause loss of consciousness.

Other information

Endocrine disrupting properties: not applicable.

SECTION 12: Ecological information

The product is classified as being dangerous for the environment

12.1 Toxicity

Information on the individual components with environmental hazards are listed

Aquatic Toxicity:	
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	
LD50	10 – 30 mg/l (Freshwater fish) 10 – 22 mg/l (Daphnia)
NOEC	0,097 mg/l (Daphnia)
NOELR	0,76 mg/l (Seaweed)

12.2 Persistence and degradability

Biodegradability

: Product remaining on soil surface will partly evaporate, but a significant proportion will remain after one day. Adsorbs to soil and is not mobile. Readily biodegradable. Oxidizes rapidly by photo-chemical reactions in air.

12.3 Bioaccumulative potential

No other relevant information is available.

12.4 Mobility in soil

Surface tension : No information is available

12.5 Results of PBT and vPvB assessment

This product does not meet the criteria for classification as PBT or vPvB.

12.6 Endocrine disrupting properties

This product does not contain any substances with properties that disrupt the endocrine system.

12.7 Other adverse effects

Additional ecological information

Hazardous to the aquatic environment (Aquatic Chronic 2). The product is not allowed to enter the ground water, to be discharged into the aquatic environment or into the sewage system undiluted or in relatively large quantities. Because a large amount of the solvent evaporates, the product is unlikely to pose a significant hazard to aquatic life.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Advice on disposal and packaging : Recommendation:
The waste code number must be checked with the responsible disposal company and adjusted if necessary.
Disposal must be made according to official regulations.

The following waste codes are only indicative:

Waste code (EWC) : European Waste Catalog (EWC) disposal code (product):
20 01 27* paint, inks, adhesives and resins containing hazardous substances

Product/packaging disposal : Drain container thoroughly. After draining, vent in a safe place away from sparks and fire. Residues may cause an explosion hazard if heated above 59 °C. Do not puncture, cut or weld uncleaned drums. Send to drum recoveree or metal reclaimer. Dispose of in a manner consistent with local regulations.

European Waste Catalog (EWC) disposal code (packaging):
17 04 09* metal waste contaminated with hazardous substances

SECTION 14: Transport information

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14.1 UN Number or ID number

ADR/RID, IMDG, ICAO UN 1866

14.2 UN Proper Shipping Name

ADR/RID	1866 RESIN SOLUTION, ENVIRONENTALLY HAZARDOUS
IMDG	RESIN SOLUTION, MARINE POLLUTANT
ICAO	RESIN SOLUTION

14.3 Transport Hazard Class(es)

ADR/RID, IMDG, ICAO

Class: 3 Flammable Liquids

Label: 3

ICAO

Class: 3 Flammable Liquids

Label: 3

14.4 Packing group

ADR/RID, IMDG, ICAO	**III**

14.5 Environmental hazards:	Product contains environmentally hazardous substances
Marine pollutant:	Yes

Symbol: fish and tree

Special marking (ADR): Symbol: fish and tree

14.6 Special precautions for user: Warning: Flammable liquids

Hazard identification number (Kemler code)	30
EMS Number:	F-E, S-E
Stowage Category	A

14.7 Maritime transport in bulk according to IMO instruments: Not applicable

Transport/Additional information:

ADR/RID:

Limited quantities (LQ)	5L
Excluded quantities (EQ) Code	E1
Maximum net quantity per inner packaging	30 ml
Maximum net quantity per outer packaging	1000 ml
Transport Group	3
Tunnel restriction codes	D/E

IMDG:

Limited quantities (LQ)	5L
Excluded quantities (EQ) Code	E1
Maximum net quantity per inner packaging	30 ml
Maximum net quantity per outer packaging	1000 ml

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

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VOC (1999/13/EC)	:	Not applicable
Seveso III - Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances	:	P5c FLAMMABLE LIQUIDS E2 Hazardous to the Aquatic Environment Threshold value (tons) for lower-tier sites: 200 t Threshold value (tons) for upper-tier sites: 500 t
REACH Regulation (EC) No 1907/2006	:	Concerns the individual substances of the mixture Does not contain any Annex XIV substance (Authorization list) It does not contain any restricted substance from Annex XVII It does not contain any of the substances included on the candidate list that are of very high concern
Regulation EU 649/2012 concerning the export and import of hazardous chemicals	:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants	:	Not applicable
Regulation (EC) No 1272/2008 – CLP Regulation	:	It is classified as a resin product
Other information	:	Alkyd resin solution in white spirit; coating resin

15.2 Chemical safety assessment

-

SECTION 16: Other information

Full text of H-Phrases referred to in sections 2 and 3

H226: Flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H336: May cause drowsiness or dizziness.
H350: May cause cancer.
H372: Causes damage to organs through prolonged or repeated exposure .
H411: Toxic to aquatic life with long lasting effects.
EUH066: Repeated exposure may cause skin dryness or cracking.

Revised sections:

Abbreviations and acronyms

ADR:	European **A**greement concerning the International Carriage of **D**angerous Goods by **R**oad (2015)
CAS No:	**C**hemical **A**bstracts **S**ervice Number
EmS:	**Em**ergency **S**chedules
EINECS No:	**E**uropean **I**nventory of **E**xisting **C**ommercial **C**hemical **S**ubstances Number

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GHS:	**G**lobally **H**armonized **S**ystem of Classification and Labelling of Chemicals
IATA-DGR:	**I**nternational **A**ir **T**ransport **A**ssociation's-**D**angerous **G**oods **R**egulations (56th edition)
ICAO-TI:	**I**nternational **C**ivil **A**viation **O**rganization's-**T**echnical **I**nstructions
IMDG Code:	**I**nternational **M**aritime **D**angerous **G**oods Code (36th - 37th amendment)
RID:	**R**egulations Concerning the **I**nternational Transport of Dangerous Goods by **R**ail

This Safety Data Sheet has been compiled on the basis of information available to the manufacturer from the suppliers of the individual components and public databases.
The information contained is believed to be accurate and reliable, provided to ensure the best possible protection during the transport, handling and storage of our products. However, this should not be considered as a quality guarantee or quality specification.

Data sheet, issuing department

For information contact**:**

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