

## SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)  
with its amendment Regulation (EU) 2020/878

Date of issue : 13.12.2021

SDS NO : **182.02**

### ACRYL S-540

Revision Date : 22.04.2025

#### 1) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

Product Name : ACRYL S-540  
Product form : mixture

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

Usage : leather production

##### 1.3. Details of the supplier of the safety data sheet

KDK KİMYA DERİ GIDA İNŞ.SAN.TİC.LTD.ŞTİ  
İstanbul Deri Organize Sanayi Bölgesi Dilek Sokak  
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##### 1.4. Emergency telephone number: No additional information available

#### 2) HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.  
Hazard classification and indication:

Physicochemical	Not classified
Health	H315 - Skin Irrit. 2 H319 - Eye Irrit. 2 H335 - STOT SE 3 H371 - STOT SE 2
Environmental	Not classified

##### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



GHS 08  
Warning

GHS 07

Signal words:

Hazard statements:

**H315**

Causes skin irritation.

**H319**

Causes serious eye irritation.

**H335**

May cause respiratory irritation.

**H371**

May cause damage to organs.

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## Precautionary statements:

<b>P261</b>	Avoid breathing dust / fume / gas / mist / vapours / spray.
<b>P264</b>	Wash hands thoroughly after handling.
<b>P271</b>	Use only outdoors or in a well-ventilated area.
<b>P280</b>	Wear protective gloves / eye protection / face protection.
<b>P302 + P352</b>	IF ON SKIN: Wash with soap and water.
<b>P304 + P340</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
<b>P305 + P351 + P338</b>	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
<b>P309+P311</b>	IF exposed or you feel unwell: Call a POISON CENTER or doctor/physician.
<b>P312</b>	Call a POISON CENTRE / doctor if you feel unwell.
<b>P321</b>	Specific treatment (see on this label).
<b>P332 + P313</b>	If skin irritation occurs: Get medical advice/attention.
<b>P337 + P313</b>	Get medical advice/attention.
<b>P362</b>	Take off contaminated clothing.
<b>P403+P233</b>	Store in a well-ventilated place. Keep container tightly closed.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents/container in accordance with national/international regulations

**Contains:** Acrylic Copolymer

### 2.3. Other damages

No data available.

## 3) COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Substance name/ identification	CAS NO / EC NO	%	Classification (EC) 1272/2008 (CLP)
Acrylic Copolymer	CAS No: 68953-16-2	X < 42	H315 - Skin Irrit. 2 H319 - Eye Irrit. 2 H335 - STOT SE 3 H371 - STOT SE 2
Water	CAS No: 7732-18-5	X < 61	Not classified

The substances listed above are not on the Annex 17 Restricted Substances List.

The substances listed above are not on the SVHC (Substance of Very High Concern) List.

The substances listed above are not on the ZDHC MRSL List.

Full text of H statements: see Section 16.

•Occupational Exposure Limit Values, if available, are listed in Section

## 4) FIRST AID MEASURES

### 4.1. Description of first aid measures

**EYES:** Immediately flush eyes with water while holding eyelids open. If irritation persists, seek medical attention.

**SKIN:** Flush skin immediately with water and remove contaminated clothing and shoes. If any symptoms develop, seek medical attention. Use soap and water to remove material from skin. Discard contaminated clothing and shoes or clean thoroughly before reuse.

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**INHALATION:** Remove victim to fresh air immediately. If victim is not breathing, give artificial respiration. If breathing is difficult, give oxygen. If breathing difficulties persist, seek immediate medical attention.

**INGESTION:** Call a doctor or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with your finger. Do not induce vomiting or give anything by mouth to an unconscious person.

**4.2. Most important symptoms and effects, both acute and delayed**

Specific information on symptoms and effects caused by the product are unknown.

**4.3. Indication of any immediate medical attention and special treatment needed**

Information not available

**5) FIREFIGHTING MEASURES****5.1. Extinguishing media**

Suitable Extinguishing Equipment:

The extinguishing equipment should be of the conventional kind: dry chemicals, carbon dioxide, foam

Unsuitable Extinguishing Equipment:

None in particular.

**5.2. Special hazards arising from the substance or mixture**

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Avoid breathing combustion products.

**5.3. Advice for firefighters**

GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

**6) ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Wear NIOSH/MSHA approved dust mask and all appropriate protective equipment. Do not touch or walk through spilled material.

**6.2. Environmental precautions**

Prevent spilled material from entering waterways, sewers, basements or confined spaces. Clean up spilled material as soon as possible. Where possible and appropriate, clean up contaminated soil. Place contaminated material in disposable containers and dispose of in accordance with applicable regulations.

**6.3. Methods and material for containment and cleaning up**

Eliminate all ignition sources near the spill. If this material is released into the work area, evacuate the area immediately.

**6.4. Reference to other sections**

Any information on personal protection and disposal is given in sections 8 and 13.

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**7) HANDLING AND STORAGE****7.1. Precautions for safe handling**

Use only with adequate ventilation and personal protection. Avoid contact with eyes, skin and clothing. Wash exposed skin thoroughly with soap and water after handling.

**7.2. Conditions for safe storage, including any incompatibilities**

Store and handle in accordance with all applicable laws. Keep containers tightly closed and store in a cool, dry, well-ventilated area, outside of clearly labeled and enclosed vehicles. Keep away from all ignition sources. All electrical equipment in areas where this material is stored or handled must be installed in accordance with applicable regulatory requirements and the national electrical code.

**7.3. Specific end use(s)**

Information not available

**8) EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Engineering controls

Provide exhaust ventilation or other engineering controls. Emergency eyewash stations and safety showers should be located near the workstation.

**8.2. Exposure controls**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the restroom. If pesticide gets inside, remove clothing immediately. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash outside gloves before removing. Wash thoroughly and put on clean clothing as soon as possible. Deluge safety shower and eye wash station should be located in the work area

**Hand Protection**

Avoid skin contact. Wear gloves. Wash your hands thoroughly with mild soap and water before eating, drinking, using the toilet, or leaving work.

**Skin Protection**

Avoid skin contact. Wear long-sleeved fire-resistant clothing. Additional chemical-resistant protective equipment may be required. This may include an apron, boots, and additional face protection.

**Eye Protection**

Wear eye protection such as safety glasses, chemical goggles, or face shields when engineering controls or work practices are not adequate to prevent eye contact. Contact lenses should not be worn when working with this chemical.

**Respiratory Protection**

Dust/mist filter respirator or NIOSH approved respirator.

**Environmental Exposure Controls**

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

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## 9) PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Off white
Odour	Odorless
Odour threshold	Not available
pH-value (100 g/l) at 20°C:	2.5 – 4.5
Melting point / freezing point	Not available
Initial boiling point	100° C
Boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability	Not available
Vapour pressure	Not available
Vapour density	<1
Density	1.17 – 1.18
Relative Density	1.10-1.05
Solubility	dilutable
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity, Dynamic	Approximately 10000 cps
Explosive properties	Not available
Oxidising properties	Not available

### 9.2. Other information

Solid content: 39 – 40%

## 10) STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

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**10.4. Conditions to avoid**

None in particular. However, the usual precautions used for chemical products should be respected.

**10.5. Incompatible materials**

Information not available

**10.6. Hazardous decomposition products**

Information not available

**11) TOXICOLOGICAL INFORMATION**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

Not classified

SKIN CORROSION / IRRITATION

Corrosive for the skin

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

Information not available

Skin sensitization

Information not available

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GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Adverse effects on sexual function and fertility

Information not available

Adverse effects on development of the offspring

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

May cause respiratory irritation. May cause damage to organs.

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

**11.2. Information on other hazards**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

**12) ECOLOGICAL INFORMATION**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

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**12.1. Toxicity**

Information not available

**12.2. Persistence and degradability**

Information not available

**12.3. Bioaccumulative potential**

Information not available

**12.4. Mobility in soil**

Information not available

**12.5. Results of PBT and vPvB assessment**

Information not available

**12.6. Endocrine disrupting properties**

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

**12.7. Other adverse effects**

Information not available

## 13) DISPOSAL CONSIDERATIONS

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

**Contaminated Packaging**

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

## 14) TRANSPORT INFORMATION

In accordance with ADR / RID / IMDG / IATA / ADN instructions

	Land transport ADR/RID	Marine transport IMDG	Air transport IATA-DGR
<b>14.1 UN No</b>	Not applicable	Not applicable	Not applicable
<b>14.2 Description of the goods</b>	Not applicable	Not applicable	Not applicable
<b>14.3 Transport hazard class(es)</b>	Not applicable	Not applicable	Not applicable
<b>14.4 Packaging group</b>	Not applicable	Not applicable	Not applicable
<b>14.5 Environmental hazards</b>	Not applicable	Not applicable	Not applicable

**14.6 Special precautions for user**

Not applicable

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#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### 15) REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

This Safety Data Sheet is prepared according to Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Seveso Category - Directive 2012/18/EC

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Substances subject to authorisation (Annex XIV REACH)

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012

Healthcare control

Information not available

### 16) OTHER INFORMATION

#### Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
TLM	Median Tolerance Limit
vPvB	Very Persistent and Very Bioaccumulative

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Data sources: (EC) Regulation 1272/2008 (CLP). ECHA (European Chemicals Agency). Supplier's safety documents.

Full text of H-statements	
<b>Skin Irrit. 2</b>	Skin irritation, category 2
<b>Eye Irrit. 2</b>	Eye Irritation, category 2
<b>STOT SE 3</b>	Specific target organ toxicity - single exposure, category 3
<b>STOT SE 2</b>	Specific target organ toxicity - single exposure, category 2
<b>H315</b>	<i>Causes skin irritation.</i>
<b>H319</b>	<i>Causes serious eye irritation.</i>
<b>H335</b>	<i>May cause respiratory irritation.</i>
<b>H371</b>	<i>May cause damage to organs.</i>

Revision Informations	
<b>Revision Number:</b>	01
<b>Revision Date :</b>	22.04.2025
<b>Explanation :</b>	It has been updated and revised upon the request of the company.

*The information provided in this Safety Data Sheet is correct to the best of our knowledge, Information and belief at the date of its publication.*

*The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.*

*The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. It is the responsibility of persons in receipt of this Product Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produces a formulation containing the product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Product Safety Data Sheet to their own Product Safety Data Sheet.*

*All information and instructions provided in this Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS. As stated above, this Safety Data Sheet has been prepared in compliance with applicable European law. If you purchase this material outside Europe, where compliance laws may differ, you should receive from your local supplier a SDS applicable to the country in which the product is sold and intended to be used. Please note that the appearance and content of the SDS may vary –even for the same product between different countries, reflecting the different compliance requirements.*