

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: ISOPROFAL-ISOPROFIL

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

Application of the substance: Plastic based warmedge spacer bars used in double glazing windows.

1.3. Details of the supplier of the SDS

Manufacturer/Supplier: NEDEX KIMYA SANAYI VE TICARET A.Ş.
Address: Eskişehir OSB, 27. Cd. No: 13 Eskişehir /Turkey
Telephone: +90 222 236 82 55
Fax: +90 222 236 82 59
E-Mail: info@nedexgroup.com
Related Person: Aslıhan Aydın
1.4. Emergency telephone number : +90 (0) 506-624 79 14

2. HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

This product is not classified as hazardous.

Physical hazards: No application
Harm to human health: No application
Environmental hazard: No application

2.2 Label elements Labelling

(REGULATION (EC) No 1272/2008)

Hazard pictograms: No application
Signal word: No application
Hazard statements: No application
Precautionary statements: No application

2.3 Other hazards: None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance: Not applicable

3.2 Mixture

Chemical Name	EC Nr.	CAS Nr.	Concentration of (%)	Classification	Hazard statements code	Other inform.
Polyvinyl Chloride	618-338-8	9002-86-2	≤65%	Not classified	-----	-----

4. FIRST AID MEASURES

After inhalation: Move victim to fresh air. Instruct person to keep calm and warm.

In case of irritation of the respiratory tract seek medical advice.

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After swallowing: Rinse mouth immediately and drink large quantities of water.

Advice to doctor: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

A suitable extinguishing media

Carbon dioxide or water. ABC dry chemical, AFFF and protein type air foams are also effective.

Inappropriate extinguishing media

No application.

5.2 Special hazards arising from the substance or mixture

Toxic gases do not form if burned.

5.3 Advice for firefighters

Special protective equipment for firefighters

Wear full bunker gear including a positive pressure selfcontained breathing apparatus in any closed space.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective gloves/protective clothing.

6.2 Environmental precautions

Do not allow product to product or arising from waste into drains, soil and surface water and groundwater. If the product got to the water system, drainage, contaminated ground or vegetation should notify.

6.3 Methods and materials for containment and cleaning up

Sweep the spill area; avoid raising dust. Provide ventilation

6.4 Reference to other sections

For further information and details, see sec. 8 and 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Proceed in accordance with the General principles of safety and health at work with chemicals.

Keep out of reach of children.

Avoid release to the environment.

Do no eat, drink or smoke when using this product.

Use appropriate clothing and gloves in the work area.

7.2 Conditions for safe storage, including any incompatibilities

No special measures required.

7.3 Specific end use(s)

Plastic based warmedge spacer bars used in double glazing windows.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

The relevant exposure limit values:

For the components of a mixture does not specify a limit value of exposure.

8.2. Exposure controls:

Individual protection measures

Taking into account the Personal Protective Equipment Regulation and taking into account the appropriate CEN standards.

Can be used while maintaining normal conditions and adequate ventilation.

Use in premises with smoothly functioning ventilation.

Wash your hands during the break and after work.

Individual protection measures, such as personal protective equipment

Breathing equipment:

It is not necessary.

Hand protection:

Gloves for handling materials and safety glasses are recommended for all industrial workplaces.

Eye protection or face:

It is not necessary.

Skin protection:

Use protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties:

Parameter	Note
Appearance	Solid
Colour	White, black and windowgrey
Odor	Odourless
Odor Threshold	Not applicable
pH	Not applicable
Melting/freezing	Not applicable
Initial boiling point/range	Not applicable
Flash point	Not applicable
Evaporation	Not applicable
Flammability	Not applicable
Vapour Density	Not applicable
Vapour pressure	Not applicable
Solubility in water	not mixed or hard mixed
Log Pow	Not applicable
The decomposition temperature	Not applicable
Explosive Properties	product is not explosive
Fluidity	Not applicable
Density (20 °C):	1,4-1,6 g/cm ³

9.2 Other data

Yield strength [MPa]	31-60
Young's modulus [psi]	490
Flexural strength (yield) [psi]	10,5
Compression strength [psi]	9500
Coefficient of thermal expansion (Linear) [mm/ (mm°C)]	40×10 ⁻⁶
Vicat B [°C]	75-110

Resistivity [Ω m] 1016

10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage and handling conditions.

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reaction

No known hazardous reactions.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity

No data available.

Acute inhalation toxicity

No data available.

Acute dermal toxicity

No data available.

Skin irritation

Not irritating.

Eye irritation

Not irritating.

Sensitisation

This information is not available.

Germ cell mutagenicity

This information is not available.

Carcinogenicity

This information is not available.

Reproductive toxicity

This information is not available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No information available.

12.2 Persistence and degradability

The product is not readily biodegradable.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6 Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Advice on disposal

Dispose of waste according to applicable local, state, and federal regulations.
Cleaned containers may be recycled.

14. TRANSPORT INFORMATION

Land transport (ADR/RID)

Not classified as dangerous in the meaning of transport regulations.

Inland waterways transport

Not classified as dangerous in the meaning of transport regulations.

Marine transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

The product has been classified and labelled in accordance with EC Directives / Chemicals (Hazard, Information and Packaging for Supply) (CHIP) Regulations.(According to Regulation (EU) No. 1907/2006 (REACH),

Information concerning the adjustment of the safety data sheet of the chemical:

The safety data sheet of the chemical has been verified in accordance with annex II of the regulation 453/2010/EC (sec. 1-16).

The classifications of the components and the mixture have been amended in accordance with Regulation (EC) 1272/2008/EC (CLP), as amended.

16. OTHER INFORMATION

Update

This product has been updated and prepared according to Regulation (EU) No. 1907/2006 (REACH),

Abbreviations and acronyms

CLP : EU regulation (EC) No 1272/2008 on classification, labeling and packaging of Chemical substance and mixtures.

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

EINECS : European Inventory of Existing Commercial Chemical Substances.

RID : Regulations Concerning the International Transport of Dangerous Goods by Rail)

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

GHS : Globally Harmonized System of Classification and Labelling of Chemicals

H statements

No application.

Prepared

Name Surname: Aslihan Aydın

Contact information: aslihan.aydin@nedexgroup.com

Qualification Certificate Number: 01.129.07

Qualification Certificate Date: 08.06.2017

Declare to reader

The information in this SDS is provided all the relevant data fully and truly. However, the information is provided without any warranty on their absolute extensiveness and accuracy.

This

SDS was prepared to provide safety preventive measures for the user who has got professional training. The personal user who obtained this SDS should make independent judgment for the applicability of this SDS under special conditions. In these special cases, we do not assume responsibility for the damage. According to REACH Article 31(5), the SDS shall be supplied in an official language of the Member State(s) where the substance or mixture is placed on the



Safety DATA Sheet

According to Regulation (EU) No. 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 453/2010)

Version: 2.0/EN

Product name: ISOPROFAL-ISOPROFIL

Revision date: 15.06.2017

Printing date: 20.02.2017

market, unless the recipient Member State(s) concerned provide otherwise. It should also be noted

that this SDS is applicable to the countries with English as an official language.