Welding Paste

Safety Data Sheet

Prepared in accordance with the regulation on Registration, Evaluation, Authorization and Restriction of Chemicals published in the Official Gazette dated 23 June 2017 and numbered 30105 (Repeated).
Prepared on: 06/10/2023 Number of updates: 1.0.

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1. Product Identifier

Product Name Product type : Welding Paste

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

Main use category : Industrial use
Use of the substance/mixture : It prevents spattering parts to stick on the torch in inert gas welding works

1.3. Details of the supplier of the safety data sheet

Supplier
WINKEL GmbH
Lisztstraße 1
53881 Euskirchen - Germany
Tel.: +49 2251 77 69 400-401
Fax: +49 2251 77 69 402
E-Mail: info@winkelgroup.de
Internet: www.winkelgroup.de

1.4. Emergency telephone number

Emergency telephone number : +90 (212) 465 38 00

Country	Organization/Company	Address	Emergency number	Remark
Turkey	National Poison Center Refik Saydam Hygiene Center Presidency	Cemal Gürsel St. No: 18 Sıhhiye Çankaya 06590 Ankara	114	Information service about poisonings is provided to the public and health personnel via the phone number 114.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (RG) 11.12.2013-28848 [SEA]
Not classified as dangerous

2.2. Label elements

Classification according to Regulation (RG) 11.12.2013-28848 [SEA]
Danger sign : Not applicable.
Warning word : Not applicable.
Hazard statements : Not applicable.
Precautionary statements : Not applicable.

2.3. Other hazards

The mixture does not contain the substance(s) listed as having endocrine disrupting properties pursuant to Article 59(1) of REACH or having endocrine disrupting properties according to the criteria laid down in the Commission Delegated Regulation ((EU) 2017/2100 or Commission Regulation (EU) 2018/605). It has not been identified.

SECTION 3: Composition / information on ingredients

3.1. Substances

Component	Cas Number EC Number	%	Classification
Petrolatum A complex combination of hydrocarbons obtained as a semi-solid from dewaxing paraffinic residual oil. It consists predominantly of saturated crystalline and liquid hydrocarbons having carbon numbers predominantly greater than C25.	CAS No: 8009-03-8 EC No: 232-373-2	>97	Not classified. Note N*

*Note N:
If the full refining history is known and it can be shown that the substance from which it is produced is not carcinogenic, classification as a carcinogen is not necessary.

3.2. Mixture

Not applicable.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

After inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
After skin contact	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
After eye contact	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
After ingestion	Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

Symptoms	Inhalation; Symptoms: none expected at ambient temperature. Inhalation of fumes or oil mists produced at high temperatures may cause irritation of the respiratory tract. Skin Contact; Symptoms: dry skin, irritation in case of repeated or prolonged exposure. May cause burn in case of contact with product at high temperature. Eye Contact; Symptoms: slight irritation (unspecific). May cause mild irritation. May cause burn in case of contact with product at high temperature. Ingestion; Symptoms: few or no symptoms expected. If any, nausea and diarrhoea might occur.

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

Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	Foam (Specifically trained personnel only)- Water fog Specifically (trained personnel only)- Dry chemical powder- Carbon dioxide- Other inert gases (subject to regulations)- Sand or earth
Unsuitable extinguishing media:	Do not use direct water jets on the burning product; they could cause splattering and spread the fire. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in the event of fire	Incomplete combustion is likely to give rise to a complex mixture of airborne solid and liquid particulates and gases, including carbon monoxide and unidentified organic and inorganic compounds.

5.3. Advice for firefighters

Fire protection	In case of a large fire or in confined or poorly ventilated spaces wear full fire resistant protective clothing and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".

6.2. Environmental Precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

Small spill: Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Chapter 8 for information on personal protective equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8).
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures

7.2. Conditions for safe storage, including any incompatibilities

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

7.3. Specific end uses

Lubricants and creep agents (a kind of lubricant).

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values	No data available.

8.2. Exposure controls

Appropriate engineering measures	Good general ventilation should be sufficient to control worker exposure to airborne contaminants.
Personal protective equipment	
Respiratory protection	Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or

	anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Eye protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be always worn when handling chemical products if a risk assessment indicates this is necessary.
Skin protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product
General protective and hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location
Environmental exposure controls:	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: 9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form	:	Solid
Appearance	:	-
Colour	:	White
Odour	:	Characteristic
Odour threshold (ppm)	:	Not applicable.
pH (Value)	:	Not applicable.
Melting Point/ Freezing Point	:	51 °C
Initial boiling point (°C)	:	Not applicable.
Flash point (°C)	:	204 °C
Auto-ignition temperature	:	Not applicable.
Decomposition temperature	:	Not applicable.
Flammability	:	Not applicable.
Vapour Pressure	:	0,1 g/cm^3
Vapour density (Air=1)	:	No data available.
Density	:	0,89 g/cm^3
Relative density	:	No data available.
Solubility (Water)	:	No data available.
Partition coefficient: n-octanol / water	:	No data available.
Viscosity (mPa. s)	:	Not applicable.
Upper Explosive Limit	:	%6,5
Lower Explosive Limit	:	%0,6
Oxidizing properties	:	Not applicable.

9.2. Other information

Not applicable.

SECTION 10: Stability and Reactivity

10.1. Reactivity

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

There are no known situations that could result in a hazardous situation.

10.5. Incompatible materials

No specific material or group of materials is likely to react with the product and cause a hazardous situation.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Oral LD50 >2.000 mg/kg rat Dermal LD50 >2.000 mg/kg rat Based on the oral and dermal LD50 and inhalation LC50 values, classification for acute toxicity is not warranted according to EU Directive 67/548/EEC and EU Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation (EC) No. 1272/2008.
Skin corrosion/irritation	Based on human data dichloromethane might be irritating to the respiratory tract at high concentrations, as such no classification needed.
Serious eye damage/eye irritation	Based on human data dichloromethane might be irritating to the respiratory tract at high concentrations, as such no classification needed.
Respiratory or skin sensitisation	Shall not be classified as a respiratory or skin sensitiser.
Germ cell mutagenicity	Shall not be classified as germ cell mutagenic.
Carcinogenicity	Suspected of causing cancer.
Reproductive toxicity	Shall not be classified as a reproductive toxicant.
Specific target organ toxicity - single exposure	May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure	Shall not be classified as a specific target organ toxicant (repeated exposure).
Aspiration hazard	Shall not be classified as presenting an aspiration hazard.
Endocrine disrupting properties	Not listed.
Information on other hazards	There is no additional information

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Shall not be classified as hazardous to the aquatic environment.
Aquatic toxicity (acute)
LC50 193 mg/l fish 96h (ECHA)
Aquatic toxicity (chronic)
LC50 471 mg/l fish 8d (ECHA)
EC50 2.590 mg/l microorganisms 40 min (ECHA)

12.2. Persistence and degradability

The substance is readily biodegradable. Theoretical Oxygen Demand: 0,3768 mg/mg Theoretical Carbon Dioxide: 0,5182 mg/mg

12.3. Bioaccumulative potential

Does not significantly accumulate in organisms.

n-octanol/water (log KOW) 1,25 (pH value: 7, 20 °C) (ECHA)

BCF 39 (ECHA)

12.4. Mobility in soil

Henry's law constant 0,002 Pa m³/mol at 24,8 °C (ECHA)

12.5. Results of PBT and vPvB assessment

Data are not available.

12.6. Other adverse effects

Data are not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: TRANSPORT INFORMATION

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

ADR	IMDG	IATA	ADN	RID
14.1. UN Number				
Not classified as Dangerous Goods.				
14.2. UN proper shipping name				
Not classified as Dangerous Goods.				
14.3. Transport hazard class(es)				
Not classified as Dangerous Goods.				
14.4. Packing group				
Not classified as Dangerous Goods.				
14.5. Environmental hazards				
non-environmentally hazardous acc. to the dangerous goods regulations				

14.6. Special precautions for user

There is no additional information.

14.7. Maritime transport in bulk according to IMO instruments

It is not relevant.

14.8 Information for each of the UN Model Regulations

There is no additional information

SECTION 15: REGULATORY INFORMATION

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

15.1.1. Local regulations (Turkey)

Regulation on the Carriage of Dangerous Goods by Road published in the Official Gazette dated 24 October 2013 and numbered 28801.

Personal Protective Equipment Regulation published in the Official Gazette dated 1 May 2019 and numbered 30761.

Regulation on Health and Safety Precautions in Working with Chemical Substances published in the Official Gazette dated 12 August 2013 and numbered 28733.

Regulation on Health and Safety Precautions in Working with Carcinogenic or Mutagen Substances published in the Official Gazette dated 6 August 2013 and numbered 28730. Regulation on Detergents published in the Official Gazette dated 27 January 2018 and numbered 30314.

Hazardous chemicals regulation (Official Gazette numbered 21634).

Regulation on health and safety measures in working with chemical substances (28733 Official Gazette).

Regulation on Registration, Evaluation, Authorization and Restriction of Chemicals (KKDIK Regulation, Official Gazette dated 23.06.2017 and numbered 30105 (Repeated).

SEA Regulation on classification, labelling, packaging of substances and mixtures. Regulation on Safety Data Sheets Regarding Harmful Substances and Mixtures (Official Gazette dated 13 December 2014 and numbered 29204).

Regulation on Classification, Labelling and Packaging of Substances and Mixtures (SEA Regulation, (Official Gazette dated 11.12.2013 and numbered 28848 (Repeated)))

15.1.2. National regulations

1. List according to Regulation (EC) 1907/2006/EC on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) establishing a European Chemicals Agency.
2. List in accordance with Regulation (EC) No 1272/2008 on the approximation of the laws, regulations and administrative provisions of the Member States on classification, packaging and labelling of dangerous preparations.

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms	
AND	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
ATE	Acute Toxicity Estimation
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
KOD	Chemical oxygen demand (COD)
DMEL	Derived Minimum Impact Level
DNEL	Derived No-Effect Leve
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identifier of substances commercially available within the EU (European Union)
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g., on growth) during a specified time interval
EN	Avrupa Standardı
EmS	Emergency Schedule
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
IOELV	Indicative occupational exposure limit value
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval
LEL	Lower explosion limit (LEL)
LOAEL	Lowest Level of Adverse Impact Observed
NOAEC	No Adverse Effects Concentration
NOAEL	No Adverse Effects Level
NOEC	No Effect Concentration

OECD	Organization for Economic Cooperation and Development
OEL	Occupational Exposure Limit Value
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the international carriage of Dangerous goods by Rail)
SDS	Güvenlik Bilgi Formu
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
VOC	Volatile Organic Compounds
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
UEL	Upper explosion limit
vPvB	Very Persistent and very Bioaccumulative

Key literature references and sources for data

Regulation on the Amendment of the “Regulation on Classification, Labeling and Packaging of Substances and Mixtures” published in the (Repeated) Official Gazette dated 11 December 2013 and numbered 31330 and “Regulation on Classification, Labeling and Packaging of Substances and Mixtures” dated 10.12.2020 Classification according to” (SEA).

ECHA (European Chemicals Agency).

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