

SPS - Separating paste for welding

Creation date	22nd October 2003	Version	15
Revision date	13th December 2022		

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

1.1. Product identifier SPS - Separating paste for welding
Substance / mixture mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against**Mixture's intended use**

Protection of welded parts

The use descriptors

IS Use at industrial sites

PW Widespread use by professional workers

Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

1.3. Details of the supplier of the safety data sheet**Supplier**

Name or trade name	NOVATO
Address	Uralská 770/6, Praha, 160 00
	Czech Republic
Identification number (CRN)	62910370
VAT Reg No	CZ62910370
Phone	+420 233 339 688
E-mail	petr.johanides@novato.cz
Web address	www.novato.cz

Competent person responsible for the safety data sheet

Name	ABITEC
E-mail	info@abitec.cz

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse physico-chemical effects

Imperfect thermal decomposition at high temperatures may release dangerous gases.

Most serious adverse effects on human health and the environment

If the recommended method of use is followed, they are not. Avoid contact with skin and eyes. In the case of sensitive individuals, it can slightly irritate the eyes when rubbed directly into the eyes. Avoid ingestion, prevent confusion with food. The mixture is not classified as dangerous for the environment. Avoid release to sewers, soil, and ground or surface water. Follow the instructions for use to avoid risks to humans and the environment. The full wording of the H-phrases is given in Sect. 16 of this safety data sheet.

2.2. Label elements**Supplemental information**

EUH210 Safety data sheet available on request.

2.3. Other hazards

The mixture or its components are not classified as PBT or vPvB nor are they listed on the candidate list for Annex XIV of the REACH Regulation as of the date of preparation of the SDS. Neither the mixture nor its components meet the criteria for persistent, bioaccumulative and toxic or highly persistent and highly bioaccumulative substances in accordance with Annex XIII, nor have they been included in the list drawn up in accordance with Article 59, paragraph 1, due to the content of endocrine disruptors, nor has it been determined as a substance with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

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SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Mixture.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

none

SECTION 4: First aid measures**4.1. Description of first aid measures**

In the event of health problems or in case of doubt, consult a doctor and provide him with the information from this safety data sheet. Ensure the safety of the rescuer and the rescued. In case of life-threatening conditions, perform resuscitation.

If inhaled

With the recommended method of use, there is no risk of inhalation. If inhalation occurs, rinse mouth with water, breathe fresh air.

If on skin

The mixture is intended for use on heavily polluted skin. Do not use on open wounds and irritated skin. Remove contaminated clothing, wash before re-use.

If in eyes

If the victim wears contact lenses, remove them. Avoid rubbing itchy eyes. Flush eyes wide open with plenty of clean, lukewarm water, especially the area under the lids. In case of difficulties, seek medical treatment.

If swallowed

Do not induce vomiting. Rinse your mouth with water, drink a glass of water. Seek medical attention and present this safety data sheet.

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

not available

If on skin

In the case of sensitive individuals, it can irritate the skin (redness, itching, burning).

If in eyes

When rubbed directly into the eyes, it can irritate the eyes (redness, tearing, burning).

If swallowed

Ingestion may cause irritation of the digestive tract, abdominal pain and nausea.

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

With normal use of the mixture, immediate medical attention is not necessary.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam, multipurpose powders, CO₂, water mist

Unsuitable extinguishing media

Full stream of water. Splattered water can be used to cool packages near the fire.

5.2. Special hazards arising from the substance or mixture

Incomplete combustion or thermal decomposition can produce toxic gases (CO, CO₂, hydrocarbons, etc.), thick black smoke. Inhalation of decomposition products can cause serious damage to health.

5.3. Advice for firefighters

Adapt protective equipment to the nature of the fire. Self-contained breathing apparatus and non-flammable emergency suit. Cool closed containers near the fire with water spray or cover with foam. Combustion residues and water after intervention should be disposed of as hazardous waste.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

The mixture is not dangerous, there is no need for special measures to protect people. Avoid contact with eyes - use personal protective equipment.

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6.2. Environmental precautions

Observe the usual environmental protection measures. Avoid release to soil, surface and ground water. In the event of a large leak, notify the relevant state authorities and the stream or sewer manager.

6.3. Methods and material for containment and cleaning up

In the event of a small leak, wipe the mixture with a rag, dispose of the contaminated mixture and rags according to sec. 13. Wash the contaminated area with water.

6.4. Reference to other sections

For recommended personal protective equipment, see Sect. 8. Dispose of the unused mixture according to sec. 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Protect eyes and skin, use personal protective equipment according to sec. 8. Handle the mixture in well-ventilated areas. Avoid contact with heat sources. Pay attention to the applicable safety and health regulations. Follow the principles of hygiene when working with chemicals, do not eat, drink or smoke while working. Wash your hands and face before breaks, meals and after finishing work.

7.2. Conditions for safe storage, including any incompatibilities

Store tightly closed in original packaging in cool and dry places. Store out of reach of children. Store away from food, drink and feed. Follow the directions on the label. Storage temperature: 0 – 30 °C Packaging material: HDPE Quantitative limits under given storage conditions: not specified

Content	Packaging type	Material of package
450 g	can / tin	FE

Storage temperature max. 30 °C

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.2. Exposure controls**

Ensure sufficient ventilation, or extraction of the working space. If the NPK-P is exceeded, use suitable respiratory protection. Avoid contact with eyes and skin. Observe hygienic measures for working with chemicals. Do not eat, drink or smoke while working. Wash your hands with lukewarm water and soap before breaks, meals and after work. Adapt personal protective equipment to the nature of the work.

Eye/face protection

Safety glasses, if required by the nature of the work.

Skin protection

Protective work clothing; remove contaminated clothing, wash before further use. Protective gloves - when choosing, follow the manufacturer's recommendations, the material must be impermeable and resistant to the components of the mixture. Test at a specific workplace before first use. Replace damaged gloves.

Respiratory protection

If the recommended method of use is followed, it is not necessary. In case of insufficient ventilation or an accident, use a mask with a filter against organic vapors and aerosols, type A.

Thermal hazard

Undetermined. Avoid heating the mixture and exposure to elevated temperatures.

Environmental exposure controls

Observe the usual environmental protection measures.

More information

The mixture does not contain components with established national exposure limits according to Annex 2, Government Regulation 361/2007 Coll., as amended, or according to the Union for the Working Environment. Ensure compliance with Government Regulation 361/2007 Coll., which establishes conditions for health protection at work, as amended, and fulfill the obligations contained therein.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state	solid (Paste)
Colour	Yellowish to colorless

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Odour	characteristic
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	100 °C
Flammability	The product is non-flammable.
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	insoluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available
Relative vapour density	data not available
Particle characteristics	data not available

9.2. Other information

The mixture is not self-igniting.
Explosive properties: The mixture does not show explosive properties.
Oxidizing properties: The mixture is not classified as oxidizing.

SECTION 10: Stability and reactivity**10.1. Reactivity**

In normal conditions, the mixture does not show dangerous reactions.

10.2. Chemical stability

The mixture is stable under normal environmental conditions, storage and handling.

10.3. Possibility of hazardous reactions

The mixture does not show dangerous reactions if the instructions for use are followed.

10.4. Conditions to avoid

High temperatures, frost, unsuitable storage conditions.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Under normal conditions, the mixture does not decompose. Incomplete combustion or thermal decomposition produces toxic combustion products: CO, CO₂, hydrocarbons, etc., thick black smoke.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

The mixture is not classified as dangerous in the sense of EC Regulation No. 1272/2008, as amended. The toxicological effects of the mixture itself have not been assessed. Due to the properties of the mixture, it is an acutely practically non-toxic mixture. Due to the properties of the components of the mixture, it is not classified as toxic.

Acute toxicity

The mixture is not classified as acutely toxic by any way of exposure.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

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Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

11.2. Information on other hazards

It does not contain substances causing disruption of the endocrine system. In the case of direct contact with the eyes or in sensitive individuals, it may show weak irritating effects on the eyes. Ingestion may cause irritation of the digestive tract, abdominal pain and nausea.

SECTION 12: Ecological information**12.1. Toxicity****Acute toxicity**

The ecotoxic effects of the mixture itself were not assessed. Due to the properties of the mixture, it is not classified as dangerous for the environment.

12.2. Persistence and degradability

The mixture is biodegradable.

12.3. Bioaccumulative potential

Not determined, bioaccumulation is unlikely.

12.4. Mobility in soil

It is not mobile in soil and water.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

Substances with these properties in accordance with the criteria set out in Commission Regulation (EU) 2017/2100 or (EU) 2018/605 are not included.

12.7. Other adverse effects

Prevent leakage of concentrated mixture into soil and ground or surface water. Observe the usual environmental protection measures.

SECTION 13: Disposal considerations**13.1. Waste treatment methods**

Dispose of mixture and packaging residues in accordance with local waste regulations. Hand over to an authorized person for disposal, e.g. in a hazardous waste incinerator. Do not pour the unused mixture into the sewer, do not dispose of it together with municipal waste.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Act No. 477/2001 Coll., On Packaging, as amended.

Waste type code

07 06 99 wastes not otherwise specified

Packaging waste type code

15 01 02 plastic packaging

SECTION 14: Transport information**14.1. UN number or ID number**

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

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14.4. Packing group

not relevant

14.5. Environmental hazards

not relevant

14.6. Special precautions for user

not available

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals.

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

More information

This information only indicates the basic regulations listed in this Safety Data Sheet. Please note the possible existence of additional regulations supplementing these Regulations. We refer to all applicable national, international and local regulations and regulations.

SECTION 16: Other information**A list of additional standard phrases used in the safety data sheet**

EUH210 Safety data sheet available on request.

Other important information about human health protection

The mixture should not be used for any purpose other than that for which it is intended (see point 1.2). Because the supplier can not control the specific conditions of use of the mixture, it is the responsibility of the user to adapt the prescribed warnings to local laws and regulations. Safety information describes the product in terms of safety and can not be considered as technical product information.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
INCI	International Nomenclature of Cosmetic Ingredients

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ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

Training guidelines

According to § 103 and § 104 of Act No. 262/2006 Coll., The Labor Code, as amended. Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

Manufacturer data and toxicological databases.

The changes (which information has been added, deleted or modified)

Adaptation of BL updated Annex II of the REACH Regulation as amended by Commission Regulation (EU) 2020/878.

Statement

The safety data sheet contains the data needed to ensure safety and health at work and environmental protection. These data correspond to the current state of knowledge and experience and are in accordance with applicable legal regulations. They can not be considered as a guarantee of the suitability and usability of the product for a specific application. The user is responsible for the treatment under existing laws and regulations.