SAFETY DATA SHEET

in accordance with regulation (CE) 1907/2006 REACH and (EU) No. 2015/830

RATING DATE 12/2017 - Rev. N° 1 - 19/03/2018

9000 SRF

1 - IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY/ UNDERTAKING

1.1	**Identification of the product**	Sealant made of graphite, calcium carbonate and sodium silicate.
	Trade name	9000 SRF High temperature sealant
	Grade	Solid
	Structural formula: (of the polymer)	-
	Product code	9000 SRF
1.2	**Identified uses and recommended for the substance or mixture**	Sealant for the heating sector.
	Recommended use	For industrial application only.

1.3	**Details of the supplier of the safety data sheet**	
	Company name	TEXPACK srl unipersonale
	Address	Via Galileo Galilei, 24 25030 Adro (BS)
	Telephone and Fax nr	+39 030740168 - +39 0307480201
	e-mail address	info@texpack.it
1.4	**Emergency Calls**	+ 39 030 7480168

2 – HAZARD IDENTIFICATIONS

2.1	**Classification of the substance or mixture**
	The mixture is not classified as dangerous according to EC Regulation 1272/2008 (CLP).
2.1.1	European Regulation (EC) 1272/2008, as mentioned
2.1.2	Classification according to the CLP (Classification Labelling an Packaging, Regulation (EC) No 1272/2008).

Hazard Class	Hazard Category	H-phrases
None	None	None

2.2	Label elements:	None
2.2.1	Names on the label:	None
2.2.2	Signal word :	None
2.2.3	Hazard pictograms:	None
2.2.4	Hazard:	None
2.2.5	Safety advice:	None
2.3	Other hazards:	No other hazards.

3 – COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 mixture

3.2 Concentration

Name	**Remarks**	**CAS N°**	**Risk Phrases**	**Classification in according to (EC) No 1272/2008**
Graphite	-	7782-42-5	none	No dangerous
Calcium carbonate	-	1317-65-3	none	No dangerous
Sodium silicate	-	1344-09-8	none	No dangerous

4 – FIRST AID MEASURES

4.1	**Description of first aid measures** **Symptomatology following exposure to product**	
4.1.1	If inhaled	Remove casualty to fresh air and keep warm and at rest.
4.1.2	In case of contact with skin	Wash with plenty of water and soap.
4.1.3	Eye contact	
4.1.4	Ingestion	-
4.2	**First Aid Measures in case of exposure to gases from thermal decomposition**	
4.2.1	If inhaled	Remove casualty to fresh air and keep warm and at rest.
4.2.2	Eye contact	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
4.2.3	In case of contact with skin	Wash with plenty of water and soap.
4.2.4	If swallowed	Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

5 – FIRE FIGHTING MEASURES

5.1	**Specific hazards**
5.1.1	Do not inhale explosion and combustion gases. Burning produces heavy smoke.
5.2	**Extinguishing media**
5.2.1	Suitable extinguishing media: Water. Carbon dioxide (CO_2). Extinguishing media which must not be used for safety reasons: None in particular.
5.3	**Specific methods**
5.3.1	In case of surrounding fire, if possible, remove the containers in a safety place. To do only if in safe conditions (safety distance from the flames and staying upwind)
	In case of impending fire, keep containers cool by spraying with water.
5.4	**Protection of fire-fighters**
5.4.1	Use suitable breathing apparatus .
	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
	Move undamaged containers from immediate hazard area if it can be done safely.

6 – ACCIDENTAL RELEASE MEASURES

6.1	**Personal precautions**
	Wear personal protection equipment.
	Remove persons to safety.

	See protective measures under point 7 and 8.
6.2	**Environmental precautions**
	Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
	Retain contaminated washing water and dispose it.
	In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
	Suitable material for taking up: absorbing material, organic, sand.
6.3	**Methods for cleaning up**
	Wash with plenty of water.
6.4	**Reference to other sections**
	See also section 8 and 13.

7 – HANDLING AND STORAGE

7.1	**Handling**
7.1.1	**Precautions**
	Avoid contact with skin and eyes, inhaltion of vapours and mists.
	Do not eat or drink while working.
	See also section 8 for recommended protective equipment.
7.1.2	**Security measures**
	No particle security measures
7.2	**Conditions for safe storage, including any incompatibilities**
7.2.1	**Storage**
	Keep away from food, drink and feed.
	Incompatible materials: None in particular.
	Instructions as regards storage premises: Adequately ventilated premises.
7.2.2	**Packaging**
	Plastic drums.

8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

8.1	**Control parameters**
8.2.1	**Exposure controls**
	Appropriate engineering controls
8.2.2	**Individual protection measures**
8.2.2.1	**Respiratory protection**
	Not needed for normal use.
8.2.2.2	**Hand Protection**
	Gloves with long cuffs.
8.2.2.3	**Eye protection**
	Eye glasses with side protection.
8.2.2.4	**Body protection**
	Long sleeved clothing. Safety shoes.
8.2.2.5	**Hygiene measures**
	When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Handle in accordance with good practice of industrial hygiene and safety practice

8.2.3	**Environmental exposure control**
	None.

9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1	**Information on basic physical and chemical.**	
	graphite, calcium carbonate and sodium silicate.	
9.1.1	**General information**	
	Appearance	viscous gel
	Odour	odourless
	Colour	Black
	Density relative	Not relevant
	Point of fusion	Not relevant
	pH	10.0
	Boiling point	Not relevant
	Flash point	Not relevant
	explosive properties	Not relevant
	oxidizing properties	Not relavant
	Vapor Density	Not relavant
	Solubility in water	Partial
	Solubility in organic solvent	-
	Percent volatile	-
	VOC Less H_2O & Exempt solvents	N.A.
	Partition coefficient (n-octanol/water)	N.A.
	Auto-ignition temperature	Not relevant
	Decomposition temperature	Not relevant
	Viscosity:	N.A.
	Lipid solubility	Not soluble
9.2	Other information	
	Miscibility	In water
	Fat solubility	Not soluble
	Conductivity	Not relevant
	Substance Groups relevant properties	Not relevant

10 – STABILITY AND REACTIVITY

10.1	**Stability**
	Stable under normal conditions.
10.2	**chemical stability**
	Stable under normal conditions.
10.3	**Possibility of hazardous reactions**
	None.
10.4	**Conditions to avoid**
	Stable under normal conditions.
10.5	**Materials to avoid**
	None in particular.

10.6	**Hazardous decomposition products**
	None.

11 – TOXICOLOGICAL INFORMATION

11.1	**Acute toxicity**
	N.A.
11.1.1	**Acute oral toxicity**
	N.A.
11.1.2	**Acute inhalation toxicity**
	N.A.
11.2	**Corrosion / Skin Irritation**
	N.A.
11.3	**Serious eye damage / eye irritation**
	N.A.
11.4	**Sensitisation**
	N.A.
11.5	**Mutagenicity**
	N.A.
11.6	**Carcinogenicity**
	N.A.
11.7	**Toxic for reproduction**
	N.A.
11.8	**Repeated dose toxicity**
	N.A.
11.9	**other information**
	none

12 – ECOLOGICAL INFORMATION

12.1	**Toxicity**
	N.A.
12.2	**Persistence and Degradability**
	N.A.
12.2.1	**Abiotic degradation**
	N.A.
12.2.2	**Biodegradation**
	N.A.
12.3	**Biocumul potential**
	N.A.
12.4	**Mobility in soil**
	N.A.
12.5	**Results of PBT and vPvB**
	N.A.
12.6	**Other adverse effects**
	N.A.

13 – DISPOSAL CONSIDERATIONS

13.1	**Waste treatment**
	Recover if possible. In so doing, comply with the local and national regulations currently in force.
13.2	**Packaging treatment**
	Dispose of in authorised landfills according to local laws and regulations.

14 – TRANSPORT INFORMATION

14.1	**Specific hazards**	
	Not classified as dangerous in the meaning of transport regulations.	
14.2	**Packaging information**	
	N.A.	
14.3	**International transport classification**	
	Packaging group:	not assigned
	U.N. Number:	not assigned

15 – REGULATORY INFORMATION

15.1	**EC Regulations**	
	15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP), Regulation (CE) n. 790/2009 (1° ATP CLP), Regulation (EU) n. 453/2010 (Annex I). Where applicable, refer to the following regulatory provisions : Directive 2003/105/CE ('Activities linked to risks of serious accidents') and subsequent amendments. Regulation (EC) nr 648/2004 (detergents). 1999/13/EC (VOC directive)	
15.2	**Classification**	
	Hazard class:	none
	Classification type	not required
15.3	**Labelling**	
	Trade name	9000 SRF
	Risk phrases (R)	none
	Safety phrases (S)	none
	Hazard Symbol	none
15.4	**Chemical Safety Assessment**	
	None	

16 – OTHER INFORMATION

16.1	**Text of hazard "H" referred to under sections 2-3**
	none
16.2	**Text of risk phrases "R" mentioned in section 2-3**
	none
16.3	**Other information**
	This document was prepared by a competent person who has received appropriate training. Main bibliographic sources: ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold CCNL - Appendix 1 Insert further consulted bibliography This MSDS cancels and replaces any preceding release. ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

	CAS: Chemical Abstracts Service (division of the American Chemical Society). CLP: Classification, Labeling, Packaging. DNEL: Derived No Effect Level. EINECS: European Inventory of Existing Commercial Chemical Substances. GefStoffVO: Ordinance on Hazardous Substances, Germany. GHS: Globally Harmonized System of Classification and Labeling of Chemicals. IATA: International Air Transport Association. IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA). ICAO: International Civil Aviation Organization. ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO). IMDG: International Maritime Code for Dangerous Goods. INCI: International Nomenclature of Cosmetic Ingredients. KSt: Explosion coefficient. LC50: Lethal concentration, for 50 percent of test population. LD50: Lethal dose, for 50 percent of test population. LTE: Long-term exposure. PNEC: Predicted No Effect Concentration. RID: Regulation Concerning the International Transport of Dangerous Goods by Rail. STE: Short-term exposure. STEL: Short Term Exposure limit. STOT: Specific Target Organ Toxicity. TLV: Threshold Limiting Value. TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard). WGK: German Water Hazard Class.

The information on this Safety Data Sheet is based on our experience and is correct to the best of our knowledge at the date of publication, but we do not accept any liability for any loss, damage or injury resulting from its use (except as required by law). The information may not be valid for any use not referred to in this Safety Data Sheet or use of the product in combination with other materials. For these reasons, it is important that customers carry out their own test to satisfy themselves as to the suitability of the product for their own intended applications.