

SAFETY DATA SHEET

In accordance with Regulation (EU) 2015/830

AS-64 SEALING MASS

Compilation date: 15.06.2018

Revision: 20.06.2018

Version: 1.4 /ENG

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

1.1. Product identifier

Trade name: **AS-64 SEALING MASS**

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

Identified uses: The product is used for sealing cable/pipe penetrations through the walls.

Uses advised against: Not specified.

1.3. Details of the supplier of the safety data sheet

Supplier: A-SPE EUROPE SP. J.
Address: Agatowa 5, 82-310 Gronowo Górne, Poland
Telephone No/Fax No: +48 55 236 77 36/ +48 55 235 11 52
E-Mail: info@a-spe.com

1.4. Emergency telephone number

+48 55 236 77 36 (available from Monday till Friday during office hours: 8 am – 4 pm GMT+1)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Hazard	Classification	According to Regulation (EC) no. 1272/2008
For physical-chemical properties:		Not classified
For health hazards:		Not classified
For environmental hazards:		Not classified

2.2. Label elements

Hazard pictogram(s): Not applicable
Hazard statement(s): Not applicable

Signal word(s): Not applicable
Precautionary statement(s): Not applicable

2.3. Other hazards

The mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of the REACH Regulation.

Prolonged or repeated skin contact may cause slight irritation. Contact with eyes may cause slight irritation.

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Mist or vapours of the product, and also after ingestion, may cause slight irritation of the respiratory system.
Risk of thermal burns when working with hot product. Product is flammable.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<u>Substance name</u>	<u>Product identifier</u>	<u>Regulation(EC) No 1272/2008</u>	
		<u>Hazard Class</u>	<u>H-phrases</u>
Benzene, mono-C10-13-alkyl deriv., distn. residues	% mass: >75 CAS#: 84961-70-6 EC#: 284-660-7 Index#: Not applicable Registration#: Not available	Not classified	Not classified

The mixture of mineral and synthetic oils, polymer additives and other substances. Ingredients are not hazardous for the human health and the environment.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation:

When using the product in normal temperature, no special measures are required. In case of irritation caused by prolonged inhalation of hot product vapours or mists, remove victim to fresh air. If breathing is irregular, give artificial respiration. Seek medical aid.

Contact with skin:

Remove contaminated clothing and wash before re-use. Wash skin thoroughly with water. When an irritation persists get medical attention.

Contact with eyes:

Flush with plenty of water for at least 15 minutes holding the eyelids open, remove contact lenses if present. When an irritation persists get medical attention.

Ingestion:

If person is conscious rinse mouth with water, give 200 ml of liquid paraffin to drink. Do not give milk, fat or alcohol to drink. Do not induce vomiting - aspiration hazard. Consult a doctor.

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

Inhalation: Inhalation of hot vapours can cause headache, nausea, vomiting and change in well-being.

Contact with skin: The product has degreasing properties. May cause skin dryness and irritation of the skin.

Contact with eyes: Contact with eyes can cause redness and transitional pain.

Ingestion: Ingestion may cause change in mood and motility deterioration. Aspiration hazard - the product can penetrate and damage the lungs.

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

Show the safety data sheet or label/ packaging to a person providing first aid. Do not give anything to eat or drink to an unconscious person. Treat symptomatically.

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media: carbon dioxide, dry chemical powder, foam, water mist.

Unsuitable Extinguishing Media: water jet (can be used to cool the containers).

5.2. Special hazards arising from the substance or mixture

Fire and heat cause pressure increase in the containers, which may result in an explosion. Hazardous combustion products may be evolved in a fire eg. carbon oxides, sulfur oxides, nitrogen oxides, and unidentified organic and inorganic decomposition products.

5.3. Advice for firefighters

Evacuate personnel to a safe place. Cool containers with water spray and if possible remove them into safety.

Prevent from entering contaminated water into sewers, rivers or other bodies of water. Dispose of waste water in compliance with current legislation. People should be properly

trained and equipped with proper clothing and safety equipment. Use fire resistant protective clothing, breathing apparatus and eye protection.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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6.1. Personal precautions, protective equipment and emergency procedures

Remove unauthorized persons from the danger area. Alert the appropriate emergency authorities. In case of a large leak enclose the area. Provide adequate ventilation. Remove all sources of ignition, extinguish open flame, do not smoke. Avoid contact with eyes, skin and clothing. Do not inhale hot vapours/mist. Contaminated area may be slippery. Use adequate personal protective equipment as required in Section 8 of the safety data sheet.

6.2. Environmental precautions

Prevent from entering into soil, drains, sewers, waterways.

6.3. Methods and material for containment and cleaning up

Seal up the leak. Small leak cover with absorbent material e.g. sand, diatomaceous earth, universal binder, sawdust and place in a tightly sealed, labelled container. Large leak collect to the labelled container. Dispose of waste in compliance with current legislation.

6.4. Reference to other sections

Refer to Sections 8 and 13 of the safety data sheet.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Never eat, drink or smoke during use. Avoid direct contact with the product and breathing vapors and mist.

Work in well ventilated area. Use adequate personal protective equipment as required in Section 8 of the safety data sheet. Always wash hands with soap and water before and after work. Keep away from sources of ignition and heat. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store in properly labelled, tightly sealed container, in an ambient temperature, and well ventilated area. Keep away from heat sources, direct sunlight, and oxidizing agents.

7.3. Specific end use(s)

Sealing mass characterized by high adhesion to concrete, ceramics, plastics and metal surfaces. Heat the product to a temperature of 30-40°C before use.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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8.1. Control parameters

Mineral oil – inhalable fraction TLV: 5 mg/m³, TLV-STEL:

-Ordinance of Minister of Labour and Social Policy of 6 June 2014 on occupational exposure limits (Dz.U. item 817, 2014)

DNEL_{workers} (inhalation, long-term exposure) 5.4 mg/m³/8h (aerosol)

DNEL_{consumer} (inhalation, long-term exposure) 1.2 mg/m³/24h (aerosol)

PNEC_{coral, mammals} 9.33 mg/kg food

8.2. Exposure controls

Appropriate engineering controls:

General and local ventilation is sufficient to maintain the exposure below the limit values.

Eye/face protection:

In case of prolonged exposure or risk of splashes, wear safety goggles. Eyewash device is recommended.

Skin protection:

Impermeable protective gloves (NBR, PVC, neoprene). Use protective clothing and shoes with non-slip soles.

Respiratory protection:

With proper ventilation, special protective equipment is not required. Protective mask with proper filter (ABEK) should be used when mist/vapours are formed.

Thermal hazards:

During normal use, special protective equipment is not required. Protection of skin, eyes and respiratory system is obligatory while handling with hot product.

Environmental exposure controls:

Prevent from entering into soil, sewers, waterways.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

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a) Appearance	: Solid – pasta
b) Odour	: Hydrocarbon
c) Odour threshold	: Not available
d) pH	: Not available
e) Melting point/freezing point	: Not available
f) Initial boiling point and boiling range	: Not available
g) Flash point	: > 238°C
h) Evaporation rate	: Not available
i) Flammability (solid, gas)	: Flammable
j) Upper/lower flammability or explosive limits	: Not available
k) Vapour pressure	: Not available
l) Vapour density	: Not available
m) Relative density	: ca. 1.46 g/cm ³
n) Solubility(ies)	: Not soluble in water, soluble in most organic solvents
o) Partition coefficient	: n-octanol/water : Not available
p) Auto-ignition temperature	: Not available
q) Decomposition temperature	: Not available
r) Viscosity :	:Not applicable
s) Explosive properties :	:Not applicable
t) Oxidising properties :	:Not applicable

9.2. Other information

Work temperature : -15 – +50°C

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Water absorption

: < 0,035 %_{mas}

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

Mixture is not reactive.

10.2. Chemical stability

Mixture is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

High temperatures, flames, and other sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents (peroxides, chromates or liquid oxygen) may result in the explosive mass accumulation.

10.6. Hazardous decomposition products

Not known. Hazardous combustion products are listed in Section 5 of the safety data sheet.

SECTION 10. STABILITY AND REACTIVITY

11.1 Information on toxicological effects

Acute toxicity:

Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Serious eye damage/irritation:

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Based on available data, the classification criteria are not met. High concentrations of vapours/mist or splash into the eye may cause irritation of the mucous membrane (inflammation, redness, tearing) or transient eye irritation.

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. DMSO extract content in mineral oil is less than 3% (according to IP 346).

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

Lack of test results for the product.

12.2. Persistence and degradability

Not readily biodegradable.

12.3. Bioaccumulative potential

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Bioconcentration factor (BCF): no data. Due to very low solubility in water product may accumulate in the soil.

12.4. Mobility in soil

Data not available

12.5. Results of PBT and vPvB assessment

The mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of the REACH Regulation.

12.6. Other adverse effects

The product is not soluble in water. Layer formed on the water can cause direct physical action on organisms.
This can cause changes in the oxygen content in water due to the lack of direct contact of the air with water.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product: Recycle or dispose of waste in compliance with current legislation. Do not discharge into drains or soil.

Do not remove to municipal landfill.

Suggested waste code 12 01 12 Spent waxes and fats

Packaging: Recycle or dispose of waste in compliance with current legislation.

Directive 2008/98/EC of the European Parliament and of the Council of the Member State.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number Not applicable

14.2. UN proper shipping name Not applicable

14.3. Transport hazard class(es) Not applicable

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14.4. Packing group	Not applicable
14.5. Environmental hazards	Not applicable
14.6. Special precautions for user	Not applicable
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	Not applicable

SECTION 15. REGULATORY INFORMATION

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 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, Authorisation and Restriction of Chemicals (REACH) Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 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

Polish regulation/legislation:

Ustawa z dnia 25 lutego 2011 r. o substancjach chemicznych i ich mieszaninach (Dz.U. 2011 nr 63 poz. 322; Dz.U. 2012 r. nr 0 poz. 908, Dz.U. 2015 nr 0 poz. 675)

Rozporządzenie Ministra Zdrowia z dnia 20 kwietnia 2012 r. w sprawie oznakowania opakowań substancji niebezpiecznych i mieszanin niebezpiecznych oraz niektórych mieszanin (Dz.U. 2012 nr 0 poz. 445; Dz.U. 2014 nr 0 poz. 145)

Rozporządzenie Ministra Zdrowia z dnia 10 sierpnia 2012 r. w sprawie kryteriów i sposobu klasyfikacji substancji chemicznych i ich mieszanin (Dz.U. 2012 nr 0 poz. 1018; Dz.U. 2014 nr 0 poz. 6)

Rozporządzenie Ministra Zdrowia z dnia 2 lutego 2011 r. w sprawie badań i pomiarów czynników szkodliwych dla zdrowia w środowisku pracy (Dz.U. 2011 nr 33 poz. 166)

Rozporządzenie Ministra Pracy i Polityki Społecznej z dnia 6 czerwca 2014 r. w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy (Dz.U. 2014 poz. 817)

Rozporządzenia Ministra Gospodarki z dnia 21 grudnia 2005 r. w sprawie zasadniczych wymagań dla środków ochrony indywidualnej (Dz.U. z 2005 r. Nr 259, poz. 2173)

Rozporządzenie Ministra Zdrowia i opieki Społecznej z dnia 30 maja 1996 r. w sprawie przeprowadzania badań lekarskich pracowników, zakresu profilaktyki opieki zdrowotnej oraz orzeczeń lekarskich wydawanych do celów przewidzianych w Kodeksie pracy (Dz. U. z 1996 r. Nr 69, poz. 332; z 1997 r. Nr 60, poz. 375; z 1998 r. Nr 159, poz. 1057; z 2001 r. Nr 37, poz. 451; Nr 128, poz. 1405; ; z 2010 r. Nr 240, poz. 1611, Dz.U. 2015 nr 0 poz. 457)

Rozporządzenie Ministra Pracy i Polityki Socjalnej z dnia 26 września 1997 r. w sprawie ogólnych przepisów bezpieczeństwa i higieny pracy (tekst jednolity Dz.U. z 2003 r. Nr 169, poz. 1650; z 2007 r. Nr 49, poz. 330; z 2008 r. Nr 108, poz. 690; z 2011 r. Nr 173 poz. 1034)

Rozporządzenie Ministra Zdrowia z dnia 30 grudnia 2004 r. w sprawie bezpieczeństwa i higieny pracy związanej z występowaniem w miejscu pracy czynników chemicznych (Dz. U. z 2005 r. Nr 11, poz. 86; z 2008 r. Nr 203, poz. 1275, Dz.U. 2015 poz. 1097)

Ustawa z dnia 24 sierpnia 1991 r. o ochronie przeciwpożarowej (tekst jednolity Dz.U. 2016 poz. 191) Ustawa z dnia 19 sierpnia 2011 r. o przewozie towarów niebezpiecznych (Dz. U. z 2011 r. Nr 227, poz. 1367, Nr 244, poz. 1454, Dz.U. 2015 nr 0 poz. 1273, Dz.U. 2015 nr 0 poz. 1893) Ustawa z dnia 14 grudnia 2012 r. o odpadach (Dz.U. 2013 nr 0 poz. 21 z póź. zmianami).

Ustawa z dnia 13 czerwca 2013 r. o gospodarce opakowaniami i odpadami opakowaniowymi (Dz.U. 2013 nr 0 poz. 888). Rozporządzenie Ministra Środowiska z dnia 9 grudnia 2014 r. w sprawie katalogu odpadów (Dz.U. 2014 poz. 1923).

15.2. Chemical safety assessment

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Chemical safety assessment has not been carried out for the mixture by a supplier - it is not required.

SECTION 15. REGULATORY INFORMATION

Classification method:

Not applicable.

Changes made in the safety data sheet during revision:

General review.

Legend to abbreviations and acronyms used in the safety data sheet:

TLV	Threshold lim value
TLV-STEL	Short-term exposure limit
vPvB	Very persistent and very bioaccumulative (substance)
PBT	Persistent, bioaccumulative and toxic (substance)
PNEC	Predicted No Effect Concentration
DNEL	Derived No Effect Levels

Literature references and sources for data:

Regulations/legislations mentioned in sections 2 – 15 of safety data sheet.
Information supplied by the manufacturers. ECHA webpage.

List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements, which are not written out in full under Sections 2 to 15:

Not applicable.

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Advice on any training appropriate for workers to ensure protection of human health and the environment:

No special advice or training is suggested.

Exposure scenarios: not applicable - the product is not dangerous.

Information in this safety data sheet is correct to the best of our knowledge, information and belief at the date of its publication. Information provided herein serves only as guidelines for safe work, use, processing, storage, and waste management. It cannot be considered as a warranty or quality certificate. This information applies only to specific material designated and may not be suitable for such material used in combination with any other materials or in any other manner not described in this document.