

SAFETY DATA SHEET

In accordance with Regulation (EU) 2015/830

Heat Shrinkable Sleeve / Wraparound sleeve / Pipeline sleeve / Anti-corrosion sleeve / WSS / ANTICORRay WSS60

Compilation date: 14.12.2012

Revision: 20.03.2017

Version: 2.0 /ENG

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

1.1. Product identifier

Trade name: **Heat Shrinkable Sleeve / Wraparound sleeve / Pipeline sleeve / Anti-corrosion sleeve / WSS xx (xx=cyfry) / ANTICORRay WSS60**

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

Identified uses: Corrosion protection of pipelines & pipeline joints.

Uses advised against: not specified.

1.3. Details of the supplier of the safety data sheet

Supplier: ANTICOR Sp. z o.o.
Address: Wygoda 28, 32-020 Wieliczka, Poland
Telephone No/Fax No: +48 12 288 33 33 / +48 12 278 53 26
E-Mail: anticor@anticor.pl

1.4. Emergency telephone number

+48 12 288 33 33 (available from monday till friday during office hours: 8 am – 4 pm)

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

2.3. Other hazards

Overheating the product during installation may produce vapours / fumes that may cause irritation and redness of the eye tissue. Vapours or fumes thus produced can cause irritation to the respiratory tract including symptoms of coughing, headache, dizziness and nausea. Contact with molten material may cause thermal burns. In the absence of adequate ventilation, asphyxiation is possible.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

The mixture of polyolefin and olefin copolymers with additives. 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 fumes from overheated or burnt material is inhaled, remove victim to fresh air. If breathing is irregular, give artificial respiration. Seek medical aid.



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Contact with skin:

If molten material contacts the skin, immediately flush with cold water for 15 minutes. Do not attempt to remove material sticking to the skin. Treat as a burn. Consult a doctor/medical service.

Contact with eyes:

If molten material contacts eyes, flush with plenty of water for at least 15 minutes holding the eyelids open, remove contact lenses if present. When an irritation or redness persists get medical attention.

Ingestion:

When using the product in normal conditions, not normally possible.

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

Inhalation: Overheating product may produce vapours / fumes that may cause irritation of the respiratory tract. Symptoms may include coughing, headache, dizziness, nausea and in the absence of adequate ventilation, possible asphyxiation.

Contact with skin: Contact with molten material can cause thermal burns.

Contact with eyes: Overheating the product may produce vapours / fumes that may cause irritation and redness of the eye.

Ingestion: Not a normal route of exposure.

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: not known.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products may be evolved in a fire.

5.3. Advice for firefighters

People should be properly trained and equipped with proper clothing and safety equipment. Use fire resistant protective clothing, breathing apparatus and eye protection. Prevent from entering contaminated water into sewers, rivers or other bodies of water. Dispose of waste water in compliance with current legislation.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

In case of molten product: provide adequate ventilation. Avoid contact with eyes, skin and clothes. Do not inhale hot vapour/mist. Use adequate personal protective equipment as required in Section 8 of the safety data sheet.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Collect to the containers. Reuse or 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

Avoid overheating the product after shrinking is complete. Stop heating immediately if the product blisters, chars or shows other signs of degradation. Never eat, drink or smoke during use. Avoid contact with molten product

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and breathing vapours and fumes. 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.

7.2. Conditions for safe storage, including any incompatibilities

Store in original packaging in a dry area at less than 40°C. Keep away from heat sources, oxidizing agents, acids & alkalis.

7.3. Specific end use(s)

Corrosion protection.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

TLV, TLV-STEL: not applicable

DNEL/PNEC: not applicable

8.2. Exposure controls

Appropriate engineering controls:

Use open air or exhaust ventilation at the workplace. Ensure there is no oxygen depletion when working in confined spaces.

Eye/face protection:

Safety glasses with side shield, goggles or face shield depending on application.

Skin protection:

Use heat resistant gloves for handling hot products (e.g., neoprene, nitrile gloves). Use protective clothing.

Respiratory protection:

With proper ventilation, special protective equipment is not required. Protective mask with proper filter should be used when used in confined/unventilated areas.

Thermal hazards:

Protection of skin, eyes and respiratory system is obligatory while handling with hot product.

Environmental exposure controls:

Precautions should be made against environmental contamination.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

a) Appearance	: Solid, black
b) Odour	: No odour
c) Odour threshold	: Not available
d) pH	: Not available
e) Melting point/freezing point	: 80-140°C
f) Initial boiling point and boiling range	: Not available
g) Flash point	: Not available
h) Evaporation rate	: Not available
i) Flammability (solid, gas)	: Not available
j) Upper/lower flammability or explosive limits	: Not available
k) Vapour pressure	: Not available
l) Vapour density	: Not available
m) Relative density	: 0.9 – 1.2 g/cm ³ at 23°C
n) Solubility(ies)	: Not soluble in water
o) Partition coefficient: n-octanol/water	: Not available
p) Auto-ignition temperature	: Not available
q) Decomposition temperature	: Not available
r) Viscosity	: Not applicable



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s) Explosive properties

: Not applicable

t) Oxidising properties

: Not applicable

9.2. Other information

Not applicable

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, flame, and other sources of ignition.

10.5. Incompatible materials

Contact with strong acids, alkalis and oxidising agents.

10.6. Hazardous decomposition products

Decomposition by-products may include, but are not limited to: alcohols, oxides of carbon, hydrocarbons, carboxylic acids, ketones as well as other oxidized hydrocarbons. Hazardous combustion products are listed in Section 5 of the safety data sheet.

SECTION 11. TOXICOLOGICAL INFORMATION

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:

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.

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



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Lack of test results for the product.

12.2. Persistence and degradability

Data not available.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

Data not available.

12.6. Other adverse effects

Not known.

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 the environment. Suggested: landfill or incinerate at an approved site.

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

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)



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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 późn. 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

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

SECTION 16. OTHER INFORMATION

Classification method:

Not applicable.

Changes made in the safety data sheet during revision:

Adaptation to Regulation (EU) no. 2015/830. 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 hazard statements and/or precautionary statements, which are not written out in full under Sections 2 to 15:

Not applicable.

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.

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