



MATERIAL HEALTH & SAFETY DATA
SHEET

CorroShrink Heat Activated Shrink Wrap

SECTION 1: IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Manufacturer : TSD Plastics
Product Identity : CorroShrink CS-60 Series Heat Activated Shrink Wrap
Synonyms : Wraparound sleeve, pipeline sleeve, anti-corrosion sleeve
Product Use : Corrosion protection of pipelines & pipeline field joints
North American Dist. : KingsMen, LLC.

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Polyolefin and modified Olefin Copolymers with additives.

SECTION 3: HAZARDS IDENTIFICATION

This product is not classified as hazardous under terms of NOHSC: 1008 (2004) or as dangerous goods according to the ADG code. Avoid over heating or burning of the product as this may emit hazardous decomposition by-products. Vapours or fumes thus produced can cause irritation to the respiratory tract including symptoms of coughing, headache, dizziness and nausea. In the absence of adequate ventilation, asphyxiation is possible.

HEALTH HAZARDS

Eyes : Overheating the product during installation may produce vapours / fumes that may cause irritation and redness of the eye.
Skin : Contact with molten material can cause thermal burns.
Inhalation : Overheating product during installation 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.
Ingestion : Not a normal route of exposure

SECTION 4 – FIRST AID MEASURES

Eye Contact : If molten material contacts the eye, rinse immediately with plenty of cold water for 15 minutes. Consult a doctor/medical service if irritation persists.
Skin Contact : 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.
After Inhalation : If fumes from overheated or burnt material is inhaled, remove the victim to fresh air. Keep warm and at rest. Consult a doctor/medical service if breathing problems develop.
After Ingestion : Not normally possible.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing media : Water spray, Foam, Dry powder, Carbon dioxide
Exposure hazards : Toxic decomposition products may be evolved in a fire
Instructions : Dilute the toxic gases with water spray
Protective equipment for fire fighters : Self-contained breathing apparatus with full face cover
Protective clothing for exposure to chemicals.



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THIS SHEET TO BE SHOWN TO EMERGENCY / MEDICAL STAFF

SECTION 6 – ACCIDENTAL RELEASE MEASURES

| | | |
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| Personal Protection | : | Wear personal protective equipment. |
| Environmental Precautions | : | Not applicable. |
| Clean-Up | : | Pick up for continued use or disposal |

SECTION 7 – HANDLING AND STORAGE

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| Handling | : | Refer to CorroShrink product installation instructions. Avoid overheating the product after shrinking is complete. Stop heating immediately if the product blisters, chars or shows other signs of degradation. Avoid inhaling fumes which may be released and ventilate the area thoroughly before resuming work. Avoid contact with molten material. Wash hands after handling. |
| Storage | : | Store in original packaging in a dry area at less than 40°C. Keep away from heat sources, oxidizing agents, acids & alkalis. |
| Material to avoid | : | No data available. |

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Eye Protection | : | Use safety goggles. |
| Respiratory Protection | : | Not required with adequate ventilation. Use approved respirator for installations in confined / unventilated areas. |
| Hand Protection | : | Heat resistant gloves for handling hot products: Neoprene or Nitrile gloves for handling thermally degraded or fire-damaged products. |
| Skin Protection | : | Protective clothing. |
| Engineering Controls | : | Use open air or exhaust ventilation at the workplace. Ensure there is no oxygen depletion when working in confined spaces. |
| Exposure Limits | : | Not applicable. |

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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| Physical State (At 23°C) | : | Solid |
| Odour And Appearance | : | No odour. Adhesive coated plastic. |
| Colour | : | Black |
| Melting Point / Melting Range | : | 80-140 °C (for adhesive) |
| Relative Density (At 23°C) | : | 0.9-1.2 |
| Solubility in water | : | Insoluble |

SECTION 10 – STABILITY AND REACTIVITY

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| Stability | : | Stable under normal conditions |
| Hazardous decomposition by-products | : | Thermal decomposition is not significant when product is used in accordance with CorroShrink product installation instructions. At higher temperatures and if material burns, thermal decomposition by-products may include, but are not limited to: Alcohols, Oxides of Carbon, Hydrocarbons, Carboxylic Acids, Ketones as well as other oxidized hydrocarbons |
| Conditions/ materials to avoid | : | Avoid contact with strong acids, alkalis and oxidizing agents. Avoid excessive heat. |



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SECTION 11 – TOXICOLOGICAL INFORMATION

No data available. No evidence of toxicity in the raw state.

SECTION 12 – ECOLOGICAL INFORMATION

No data available. No evidence of detrimental effects if disposed off as mentioned below.

SECTION 13 – DISPOSAL CONSIDERATION

Do not discharge into drain or the environment. Landfill or incinerate at an approved site, in accordance with national and local regulations.

SECTION 14 – TRANSPORT INFORMATION

Not classified as dangerous goods under the terms of the ADG code.

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| Special Precautions during carriage | : None |
| Main Risk | : None |
| Subsidiary Risk | : None |
| UN No | : None |
| Proper Shipping Name | : None |
| Class | : None |
| Packing Group | : None |

SECTION 15 – REGULATORY INFORMATION

1. Regulation for labour security and sanitation facility.
2. Regulation for defending the toxicities caused by organic impregnates.
3. Regulation for road traffic safety.
4. Regulation for general marking of danger and injury.
5. Admitted harmful concentration standard for the surrounding air of installation.
6. Waste storage clearance method and relative facility standards.

SECTION 16 – OTHER INFORMATION

Prepared by: Manufacturer

Disclaimer:

The information contained herein, is based on data believed by product manufacturer and KingsMen, LLC., to be accurate at the time of preparation, but is subject to change without notice. It is given in good faith and no warranty, expressed or implied, is made to its accuracy, completeness or otherwise. Every person handling / using the materials referred to herein, will do so at his/her own risk absolutely and should make their own independent evaluation to determine the suitability of each such product for the specific application and to establish safe handling and installation procedures.

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