

Canusa-CPS GTS-80, TBK-80

SECTION 1. IDENTIFICATION

Product Identifier	Canusa-CPS GTS-80, TBK-80
Product Family	Heat shrink sleeves
Recommended Use	The GTS-80 system provides superior corrosion protection and excellent bonding on pipelines operating up to 80°C. GTS-80 has been designed with a unique adhesive technology that remains "open" longer than traditional adhesives. Also, special surface active agents allow bonding to lower surface energy coatings (such as polypropylene). As a result, lower preheat temperatures are required to attain true adhesive wet-out and superior bonding to PE and FBE surfaces is achieved.
Manufacturer	CANUSA-CPS, A DIVISION OF SHAWCOR LTD., 25 BETHRIDGE ROAD, TORONTO, ON, M9W 1M7, (416) 743-7111
Emergency Phone No.	Canusa, (613) 996-6666 (CANUTEC)
Date of Preparation	August 22, 2011

SECTION 2. HAZARD IDENTIFICATION

Classification

Not classified under any hazard class.

Label Elements

Not applicable

Other Hazards

Carbon black and talc are potentially hazardous, after long term inhalation. However, all the components of this product, including carbon black and talc, are bound in the matrix of this product, making inhalation virtually impossible.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	%	Other Identifiers
Polyethylene, high-density	9002-88-4	30-60	
Acetic acid, ethenyl ester, polymer with ethene, rubber	24937-78-8	10-30	
Talc, Containing No Asbestos or Crystalline Silica	14807-96-6	1-5	
Carbon black	1333-86-4	0.1-1	

Notes

This product is a manufactured article.

SECTION 4. FIRST-AID MEASURES

First-aid Measures**Inhalation**

If exposed to fumes or gases during overheating, seek medical attention.

Skin Contact

Product Identifier: Canusa-CPS GTS-80, TBK-80

Date of Preparation: August 22, 2011

Page 01 of 04

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes. Get medical advice or attention if you feel unwell or are concerned.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open. If eye irritation persists, get medical advice or attention.

Ingestion

Drink two glasses of water and consult a physician.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Water spray; dry chemical; carbon dioxide; foam.

Specific Hazards Arising from the Product

During a fire, PE may decompose by thermal decomposition or combustion to form irritating smoke and toxic and/or flammable gases and fumes, such as carbon monoxide, carbon dioxide, ethylene, ethane, other saturated and unsaturated hydrocarbons, formic acid, acrylic acid, formaldehyde and acrolein.

Special Protective Equipment and Precautions for Fire-fighters

HDPE can burn if strongly heated and form irritating smoke and toxic and/or flammable gases. Evacuate area and fight fire from a safe distance or protected location. Approach fire from upwind to avoid hazardous and toxic decomposition products.

If possible, isolate materials not yet involved in the fire. Otherwise, fire-exposed materials should be cooled by application of hose streams. Application should begin as soon as possible and should concentrate on any unwetted portions. For a massive fire in a large area, use unmanned hose holder or monitor nozzles. If this is not possible, withdraw from fire area and allow fire to burn.

If applicable, avoid generating dust to minimize risk of explosion.

Fire-fighters may enter the area if positive pressure SCBA and full Bunker Gear is worn.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions

Not applicable.

Methods and Materials for Containment and Cleaning Up

Dispose of in compliance with applicable legislation.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid overheating. Do not breathe fumes produced during overheating or burning. Keep the product clean, prevent contamination.

Conditions for Safe Storage

Cool, dry environment.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available.

This product is a manufactured article.

Appropriate Engineering Controls

General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Product Identifier: Canusa-CPS GTS-80, TBK-80

Date of Preparation: August 22, 2011

Page 02 of 04

Not required but it is good practice to wear safety glasses or chemical safety goggles. Safety goggles recommended during flame heating.

Skin Protection

Long sleeves and pants.

Respiratory Protection

Not normally required if product is used as directed. Use a NIOSH approved respirator with organic vapour cartridges when in a confined or restricted area or if ventilation is not adequate.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance Black.

Other Information

Physical State Solid

Other Physical Property 1 Adhesive coated plastic

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Not applicable.

Chemical Stability

Normally stable.

Possibility of Hazardous Reactions

Decomposes at elevated temperatures. Avoid strong oxidizers.

SECTION 11. TOXICOLOGICAL INFORMATION

This product is a manufactured article. All components are completely encased in the product.

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
Polyethylene, high-density		> 2000 mg/kg (rat)	
Carbon black	6750 mg/m ³ (4-hour exposure)		
Acetic acid, ethenyl ester, polymer with ethene, rubber		2500 mg/kg (rat)	

Skin Corrosion/Irritation

May cause irritation.

Carcinogenicity

Chemical Name	IARC	ACGIH®	NTP	OSHA
Polyethylene, high-density	Not Listed	Not Listed	Not Listed	Not Listed
Talc, Containing No Asbestos or Crystalline Silica	Group 1	A1	Not Listed	Not Listed
Carbon black	Group 2B	A3	Not Listed	Not Listed
Acetic acid, ethenyl ester, polymer with ethene, rubber	Not Listed	Not designated	Not Listed	Not Listed

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SECTION 12. ECOLOGICAL INFORMATION

Product Identifier: Canusa-CPS GTS-80, TBK-80

Date of Preparation: August 22, 2011

Page 03 of 04

Ecotoxicity

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
Talc, Containing No Asbestos or Crystalline Silica	1000 mg/L (semi-static)			

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of in compliance with all federal, state, provincial, municipal and local legislation.

SECTION 14. TRANSPORT INFORMATION

Not regulated under Canadian TDG regulations. Not regulated under US DOT Regulations. Not regulated under IATA Regulations.

Special Precautions Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

This product is a manufactured article.

SECTION 16. OTHER INFORMATION

SDS Prepared By SHAWCOR LTD.

Phone No. (416) 743-7111

Date of Preparation August 22, 2011

Date of Last Revision September 02, 2016

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Product Identifier: Canusa-CPS GTS-80, TBK-80

Date of Preparation: August 22, 2011

Page 04 of 04