



MATERIAL SAFETY DATA SHEET  
SOUTHWIRE COMPANY  
1 SOUTHWIRE DRIVE, CARROLLTON, GEORGIA 30119

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Date Prepared: 4/1/2006

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**SECTION 1: CHEMICAL AND COMPANY IDENTIFICATION**

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PRODUCT NAME : SIMpull™ THHN  
CHEMICAL NAME : None  
CHEMICAL FAMILY : Complex mixture  
PRODUCT DESCRIPTION: Thermoplastic Insulated Electrical Wire & Cable, sizes 1/0 and larger

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**CONTACT ADDRESS:**

Southwire Company  
1 Southwire Drive, Carrollton, Georgia 30119

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**EMERGENCY TELEPHONE NUMBER: (24 Hours) (770) 832-4242**

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**NON EMERGENCY TELEPHONE NUMBERS: ( 8 am - 5 pm M-F )  
FOR HEALTH AND SAFETY INFORMATION CALL: ( 770 ) 832-4725  
FOR GENERAL PRODUCT INFORMATION : [www.Southwire.com](http://www.Southwire.com)**

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**SECTION 2: COMPOSITION / INFORMATION ON INGREDIENT**

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	<u>Percentage</u>
Copper	88 - 94%
PVC Compound*	5 - 11%
Polyamide compound	0.6 – 1.5%
Proprietary Additive (Non-toxic)	<0.2%

\* - may contain lead compounds <2.5%, antimony compounds <1.8% (percent of overall PVC weight)

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**SECTION 3: HAZARDS IDENTIFICATION**

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**POTENTIAL HEALTH EFFECTS:** Exposure does not cause significant irritation or toxicity.

**EYE CONTACT :** Mild Eye Irritation Possible

**SKIN CONTACT:** Mild Skin Irritation Possible

**INHALATION :** None

**INGESTION :** None

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**SECTION 4: FIRST AID MEASURES**

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**EYE CONTACT** : Treat as any foreign particulate matter. If residue irritates eyes, flush with water at least 15 minutes. If irritation persists, seek medical attention.

**SKIN CONTACT** : If residue is detected, wash with soap and water. If irritation persists, seek medical attention. If molten polymer is contacted, cool the affected area with water and seek medical attention.

**INHALATION** : No effects known in normal use. Inhalation of combustion products could cause damage to the respiratory tissues. Seek medical attention.

**INGESTION** : No ingestion effects known.

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**SECTION 5: FIRE - FIGHTING MEASURES**

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**FLASHPOINT** : N/A  
**FLAMMABLE LIMITS** : N/A  
**AUTOIGNITION TEMP** : N/A  
**GENERAL HAZARDS** : Product contains combustible substances which may decompose upon burning to produce irritating, hazardous fumes.  
**FIRE FIGHTING** : Use dry chemical or foam type extinguishing media. Avoid breathing fumes, use self contained breathing apparatus..  
**DECOMPOSITION PRODUCT UNDER FIRE CONDITIONS:** Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride and irritants.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**LAND SPILL** : N/A      **WATER SPILL** : N/A

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**SECTION 7: STORAGE AND HANDLING**

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No special handling and storage requirements.

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**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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No special exposure hazards exist, no special personal protection apparatus required.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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Article is solid at room temperature and pressure.  
**SPECIFIC GRAVITY, AT 68 °F:** Not available, varies by composition.  
**SOLUBILITY IN WATER, WT. % AT °F:** N/A  
**SP.GRAV OF VAPOR, AT 1 atm (Air = 1):** N/A  
**EVAPORATION RATE, (n-Bu Acetate = 1):** N/A  
**VAPOR PRESSURE, mmHg AT °F:** N/A  
**FREEZING/MELTING POINT, °F:** N/A  
**BOILING POINT, °F:** N/A

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**SECTION 10: STABILITY AND REACTIVITY**

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**STABILITY:** Stable  
**CONDITIONS TO AVOID INSTABILITY:** Fire  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**CONDITIONS TO AVOID HAZARDOUS POLYMERIZATION:** N/A  
**HAZARDOUS DECOMPOSITION PRODUCTS:** See Section 5.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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Reported human effects: Product/similar product – no human data available  
Reported animal effects: Product/similar product – no animal data available

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**SECTION 12: ECOLOGICAL INFORMATION**

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No ecological information available

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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Recycling of metal conductor is encouraged. Dispose of cable residues in accordance with all applicable local, state and federal environmental regulations.

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**SECTION 14: TRANSPORT INFORMATION**

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DEPARTMENT OF TRANSPORTATION ( DOT ):No transportation restrictions.

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**SECTION 15: REGULATORY INFORMATION**

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**TSCA Section 8(b):** All components of this product are in compliance with Toxic Substances Control Act Inventory requirements.

**CERCLA Sections 102A/103 Hazardous Substances (40 CFR 302.4):** A component of this product (Copper; RQ (Reportable Quantity) =5,000 lbs for solid metal particles under 100 micrometers in diameter) is regulated under the Comprehensive Environmental Response, Compensation and Liability Act if released as particles under 100 micrometers in diameter.

**EPCRA (SARA TITLE III) Section 304 Emergency Release Notifications (40 CFR Part 355):** The components of this product are not subject to the reporting requirements of Section 304 of the Superfund Amendments and Reauthorization Act.

**EPCRA (SARA Title III) Section 311/312 Hazardous Chemical Storage Reporting Requirements (40 CFR Part 370):** Neither the product nor the components are regulated as extremely hazardous substances under the reporting requirements of Section 311/312 of the Superfund Amendments and Reauthorization Act. Consult the standards for inventory reporting requirements specific to your operation

**EPCRA (SARA Title III) Section 313 Toxic Chemical Release Inventory Reporting (40 CFR Part 372):** Components of this product (Antimony, copper, and lead) are regulated under the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act. Consult the standards for inventory reporting requirements specific to your operation.

**CALIFORNIA (Proposition 65-Safe Drinking Water and Toxic Enforcement Act of 1986):** A component of the product (lead and lead compounds) is subject to the labeling requirements under California Proposition 65. Compliance of the MSDS with the OSHA Hazard Communication Standard fulfills the labeling requirement under California Proposition 65.

**OSHA Hazard Communication Standard (29 CFR 1910.1200):** If the product is used in a manner that creates employee exposures of the respective components in excess of the Permissible Exposure Limits (PELs), additional OSHA standards may apply. Consult the standards for requirements specific to your operation.

**Canada Worker Hazardous Materials Information System (WHMIS):** No classes and divisions of the Canada Workplace Hazardous Materials Information System apply to the components of the product.

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**SECTION 16: OTHER INFORMATION**

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**RATING SYSTEMS:** HMIS rating:

Health	0
Flammability	1
Reactivity	0

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. we do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.