

**MATERIAL SAFETY DATA SHEET**

**1. PRODUCT and COMPANY INFORMATION**

PRODUCT SHRINK-KON® HS, HSHR, HSFR, HSB & HSC  
SERIES HEAVY WALL TUBING

CATALOG NUMBERS SEE SECTION 17

MANUFACTURER / SUPPLIER THOMAS & BETTS CORPORATION

ADDRESS 8155 T & B BOULEVARD,  
MEMPHIS, TENNESSEE 38125

EMERGENCY TELEPHONE NUMBER CHEMTREC: 800-424-9300

TELEPHONE NUMBER FOR INFORMATION 901-252-5000 ext. 8324

DATE OF REVISION or PREPARATION DECEMBER 11, 2008

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

HAZARDOUS COMPONENTS	CAS #	% BY WT	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA PEL	OSHA STEL
NONE			N/A	N/A	N/A	N/A	N/A

THIS PRODUCT IS A MANUFACTURED ARTICLE AND, AS SUCH, IS EXEMPT FROM THE OSHA (29 CFR 1910-1200) REGULATIONS AND FROM THE CANADIAN HAZARDOUS PRODUCT ACT REGULATIONS.

**3. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW

NONE KNOWN

ROUTES OF EXPOSURE

SIGNS and SYMPTOMS

EYES: VAPORS FROM HEATED MATERIAL MAY CAUSE IRRITATION

INGESTION: NONE

INHALATION: VAPORS FROM HEATED MATERIAL MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT

SKIN: MAY CAUSE REDNESS OR IRRITATION. HEATED MATERIAL MAY CAUSE THERMAL BURNS

**4. FIRST AID MEASURES**

ROUTES OF ENTRY

FIRST AID INSTRUCTIONS

EYE CONTACT: REMOVE CONTACT LENS AND RINSE THE AFFECTED EYE IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION: DRINK TWO GLASSES OF WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION: IF EXPOSED TO FUMES OR GASES FROM OVERHEATING OR BURNING, REMOVE FROM AREA TO FRESH AIR. IF SYMPTOMATIC, SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN ABSORPTION: NONE

SKIN CONTACT: WASH EXPOSED SKIN AREAS WITH SOAP AND WATER. IF REDNESS OR IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

IN THE EVENT OF A BURN WITH HOT ADHESIVE, IMMERSER THE AFFECTED PART IN CLEAN COLD WATER. DO NOT PEEL OFF ADHESIVE. SEEK MEDICAL ATTENTION IMMEDIATELY

NOTE TO PHYSICIAN: N/A

**5. FIRE FIGHTING MEASURES**

EXPLOSION DATA: N/A

FLAMMABILITY: LEL: N/E UEL: N/E

EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL, FOAM, CARBON DIOXIDE. NOT CLASSIFIED AS FLAMMABLE OR COMBUSTIBLE, BUT MAY BURN WHEN FLAME IS APPLIED.

FIRE FIGHTING: WEAR FULL PROTECTIVE CLOTHING. USE SELF-CONTAINED BREATHING APPARATUS DURING FIREFIGHTING.

FLAMMABILITY DATA: DECOMPOSITION AT 150° C

FLASH POINT: N/A

HAZARDOUS COMBUSTION PRODUCTS: MAY PRODUCE OXIDES OF CARBON, ACETIC ACID, ACID ALDEHYDES, VINYLACETATE, AND OTHER HYDROCARBON DECOMPOSITION PRODUCTS.

**6. ACCIDENTAL RELEASE MEASURES**

CONTAINMENT

PROCEDURES: NOT APPLICABLE

CLEAN-UP

PROCEDURES: N/A

DISPOSAL: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

**7. HANDLING and STORAGE**

HANDLING PROCEDURES: AVOID OVERHEATING MATERIAL ABOVE DECOMPOSITION TEMPERATURES. DO NOT BREATHE FUMES PRODUCED DURING OVERHEATING OR BURNING.

STORAGE PROCEDURES: STORE IN A COOL DRY ENVIRONMENT

**8. EXPOSURE CONTROL / PERSONAL PROTECTION**

EXPOSURE CONTROLS

LOCAL VENTILATION MAY BE REQUIRED WHERE OVERHEATING IS EXPECTED.

**MATERIAL SAFETY DATA SHEET**

## PERSONAL PROTECTION

**CLOTHING:** FIRE RETARDANT CLOTHING  
**EYE PROTECTION:** SAFETY GLASSES DURING FLAME HEATING  
**HAND PROTECTION:** WEAR GLOVES TO PROTECT FROM THERMAL BURNS  
**RESPIRATORY PROTECTION:** RESPIRATOR SHOULD NOT BE REQUIRED WITH ADEQUATE GENERAL VENTILATION  
**SKIN PROTECTION:** GLOVES, APRON AND/OR LONG SLEEVE CLOTHING TO PROTECT THE SKIN  
**VENTILATION:** GENERAL MECHANICAL VENTILATION

**9. PHYSICAL and CHEMICAL PROPERTIES**

<b>APPEARANCE:</b>	POLYMER TUBING WITH OR WITHOUT ADHESIVE LINING	<b>AUTO-IGNITION TEMPERATURE:</b>	N/A
<b>BOILING POINT:</b>	N/E	<b>COLOR:</b>	BASED ON SPECIFICATION
<b>DENSITY (lbs/gal):</b>	N/A	<b>EVAPORATION RATE (BUTYL ACETATE = 1):</b>	N/E
<b>FLAMMABILITY:</b>	N/A	<b>ODOR:</b>	NONE
<b>MELTING POINT:</b>	N/A	<b>PERCENT, VOLATILE BY WEIGHT (%):</b>	N/A
<b>PERCENT, SOLIDS BY WEIGHT (%):</b>	N/A	<b>PHYSICAL STATE:</b>	N/A
<b>PH:</b>	N/A	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b>	N/A
<b>SOLUBILITY IN WATER @ 68° F (20° C):</b>	N/A	<b>VAPOR PRESSURE OF PRINCIPAL SOLVENT:</b>	N/E
<b>VAPOR DENSITY OF PRINCIPAL SOLVENT (AIR = 1):</b>	N/E	<b>VOC CONTENT (lbs / gal):</b>	N/A
<b>VISCOSITY:</b>	N/A		

**10. STABILITY and REACTIVITY**

**CHEMICAL STABILITY:** STABLE  
**CONDITIONS TO AVOID:** DECOMPOSES AT ELEVATED TEMPERATURES  
**INCOMPATIBLE MATERIALS:** STRONG OXIDIZERS  
**HAZARDOUS DECOMPOSITION PRODUCTS:** MAY PRODUCE OXIDES OF CARBON, SULPHUR, NITROGEN, ACETIC ACID, ATIMONY AND HYDROGEN HALIDES, ACID ALDEHYDES AND VINYLACETATE.  
**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR

**11. TOXICOLOGICAL INFORMATION**

TOXICOLOGICAL INFORMATION NONE

**CARCINOGENICITY** NTP: NO  
IARC MONOGRAPHS: NO  
OSHA REGULATED: NO

**ACUTE:** NONE KNOWN  
**CHRONIC:** PRODUCT HAS BEEN KNOWN TO CAUSE SKIN SENSITIZATION; HOWEVER, THE MATERIAL IS BOUND IN THE MATRIX OF THE PRODUCT AND IS NOT EXPECTED TO EFFECT SUSCEPTIBLE INDIVIDUALS.

**ADDITIONAL INFORMATION:** OVERHEATING TO TEMPERATURES ABOVE 392° F (200° C) FOR LONG PERIODS, MAY CAUSE THE RELEASE OF IRRITATING AND TOXIC FUMES.

**12. ECOLOGICAL INFORMATION**

NO DATA AVAILABLE

**13. DISPOSAL CONSIDERATION**

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

**14. TRANSPORT INFORMATION**

DEPARTMENT OF TRANSPORTATION (DOT)

**PROPER SHIPPING NAME:** NOT REGULATED**15. REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS

**MATERIAL SAFETY DATA SHEET**

**TSCA:** ALL COMPONENTS ARE INCLUDED IN THE EPA TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCES INVENTORY.

**RCRA HAZARD CLASS:** THE PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT, OR ITS REGULATIONS, 40 CFR §261 et seq.

**CLEAN AIR ACT:** THE FOLLOWING COMPONENTS OF THIS PRODUCT ARE REGULATED AS HAPs: *NONE*

SARA TITLE III INFORMATION

**SECTION 302:** THERE ARE NO COMPONENTS OF THIS PRODUCT WITH KNOWN CAS NUMBERS WHICH ARE ON THE 40 CFR PART 355 APPENDIX A LIST OF EXTREMELY HAZARDOUS SUBSTANCES.

**SECTION 311 / 312:** THIS PRODUCT IS NOT SUBJECT TO THIS SECTION 311/312 REPORTING REQUIREMENT.

**SECTION 313:** THIS PRODUCT CONTAINS CHEMICAL COMPONENTS SUBJECT TO SECTION 313 REPORTING: *NONE*

STATE REGULATIONS / RIGHT-TO-KNOW

**CALIFORNIA  
PROPOSITION 65  
INFORMATION:**

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCE(S) KNOWN TO BE ON THE CA PROP. 65 LIST: *NONE*

INTERNATIONAL

**WHMIS (CANADA):** THIS PRODUCT CONTAINS THE FOLLOWING THE CHEMICAL(S) LISTED AS CONTROLLED SUBSTANCES: *NONE*

**LABELS:** CANADIAN LABEL CLASSIFICATION REQUIRED ON CONTAINER(S): *NONE*

**16. OTHER INFORMATION**

HAZARD RATING SYSTEM:

	HMIS	NFPA	KEY
HEALTH	0	0	4 = SEVERE
FLAMMABILITY	0	0	3 = SERIOUS
REACTIVITY	0	0	2 = MODERATE
			1 = SLIGHT
			0 = MINIMAL

REVISION SUMMARY 2

SUPERCEDES ISSUE DATE November 25, 2005

**17. T&B CATALOG NUMBERS / PRODUCT NUMBERS**

TO BE USED IF SECTION 1 DOES NOT HAVE SPACE TO LIST T&B CATALOG NUMBERS.

HS16-12	HS16-12LR	HS16-12-25	HS12-6-25R	HSB200-75-2
HS16-12L	HS12-6LR	HS12-6-25	HS40-400-25R	HSB120-50-3
HS16-12-4	HS6-1LR	HS6-1-25		HSB170-82-3
	HS4-30LR	HS4-30-25	HSC8-4	HSB240-112-3
HS12-6	HS40-400LR	HS40-400-25	HSC2-20	HSB125-50-4
HS12-6L	HS500-1000LR	HS500-1000-25	HSC30-250	HSB175-82-4
HS12-6-4			HSC300-600	HSB265-120-4
			HSC700-1000	HSB350-138-3
HS6-1	HSR750-4	HSFR16-12-4	HSC300-600	HSB430-157-3
HS6-1L	HSR1300-4	HSFR12-6-4	HSC500	HSB490-200-3
HS6-1-4	HSR1750-4	HSFR6-1-4	HSC750	HSB520-135-4
	HSR2000-4	HSFR4-30-4	HSC300	
HS4-30	HSR2750-4	HSFR40-400-4	HSC500	
HS4-30L	HSR3500-4	HSFR500-1000-4		
HS4-30-4	HSR4700-4			
			HS12-40	
HS40-400	HS500-1000	HS12-30	HS30-40	
HS40-400L	HS500-1000L	HS30-30	HS40-4-TB	

THE INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND ACCURATE TO THE BEST OF THOMAS & BETTS CORPORATION KNOWLEDGE. THE INFORMATION RELATES TO THE SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE.