

SDS	Document No: USP-1255-0001
	Originator: Rudi Herbst
	Revision: A
	Revision Date: N/A
	Issue Date: 3/26/2015
	Approved by:

Safety Data Sheet

Section 1. Material / Company Identification

PRODUCT NAME	ST-50A-NT-1-19F	SUPPLIER
CHEMICAL NAME	Compound based on Styrene Block Copolymer	UNITED SOFT PLASTICS, INC.
PRODUCT FAMILY	Thermoplastic Elastomer (TPE-S)	720 Raco Drive
		Lawrenceville, GA 30045, USA
		Assistance: +1 770 339 9362

Section 2. Hazards Identification

HARZARDOUS INGREDIENTS	• NONE
	Hazard Pictogram: NONE
	Signal Word: N/A
	Hazard Statements: N/A
	Precautionary Statements: N/A
HUMAN HEALTH HAZARDS	Exposure to molten resin may cause thermal burns. Material is not irritating however it may cause irritation of skin allergic humans.
SAFETY HAZARDS	Electrostatic charges may be generated during handling. Risk of self-ignition of bulk product above certain temperatures (Refer to Section 10).
ENVIRONMENTAL HAZARDS	No specific Hazards
OTHER HAZARDS	Not classified as dangerous for supply or conveyance.
SPECIAL NOTES	These materials are rubber compounds, which are essentially non-toxic. If polymer dusts are generated, they could scratch the eyes and cause minor irritation to the respiratory tract.
CARCINOGEN POTENTIAL	<ul style="list-style-type: none"> National Toxicology Program: Not Listed I.A.R.C. Monograph: Not Listed OSHA: Not Listed

Section 3. Composition

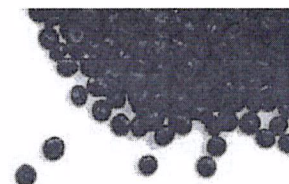
Ingredients

Styrene-Ethylene/Butylene-Styrene Block Copolymer-Compound*

*Specific chemical identity of composition is a trade secret

Section 4. First Aid Measures

INHALATION	Dust and process vapors may be irritating to the nose, throat and respiratory tract. Remove to fresh air. If rapid recovery does not occur, obtain medical attention.
SKIN	If contact with hot, molten material, cool under ice water or a running stream of cold water. DO NOT attempt to remove the material from the skin. Removal could result in severe tissue damage. DO NOT apply burn creams or ointments. If available, cover the burn area loosely with a sterile dressing, and seek medical attention.
EYE	Immediately flush eye with water for at least 15 minutes. Get medical attention if necessary.
INGESTION	No specific measures.
ADVICE TO PHYSICIANS	Treat Symptomatically.



SDS	Document No: USP-1255-0001
	Originator: Rudi Herbst
	Revision: A
	Revision Date: N/A
	Issue Date: 3/26/2015
	Approved by:

Section 5. Fire Fighting Measures

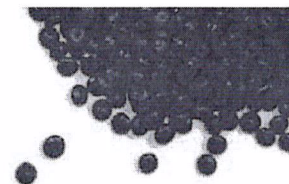
FLASH POINT	> 650 °F
SPECIFIC HAZARDS	Not classified, as flammable but will burn. Hazardous combustion products may include carbon monoxide, carbon dioxide.
EXTINGUISHING MEDIA	Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
UNSUITABLE EXTINGUISHING MEDIA	Water in a jet may disperse fire.
PROTECTIVE EQUIPMENT	Wear standard fire fighting attire including full protective clothing and self-contained breathing apparatus.

Section 6. Accidental Release Measures

LAND SPILL	Spilled material should be swept up and safely discarded. Comply with applicable international, federal, state and local regulations.
WATER SPILL	Advice local authorities if spilled in waterway or sewer. Skim from surface of water if possible.
WASTE SPILL	Reclaim where possible. Dispose of in accordance with local, state, federal, international and/or country specific regulations. This is not an RCRA hazardous waste.
ENVIRONMENTAL PRECAUTIONS	No specific measures.
PROTECTIVE MEASURES	Wear appropriate personal protective equipment (refer to Section 8) when responding to spills.

Section 7. Handling and Storage

HANDLING	<p>Unisoft Customized™ products have a tendency to accumulate static charge during transport, handling and processing. Static charge buildup can be a potential fire hazard when used in the presence of volatile or flammable vapors or in high airborne dust concentrations. Take precautionary measures against static discharges, earth ground all equipment. Inspect handling system regularly for possible accumulation of fines. Avoid generation or accumulation of dusts.</p> <p>Avoid contact with heated or molten product. DO NOT breathe dust. DO NOT breathe fumes or vapors from heated product. Use local exhaust extraction over processing area.</p> <p>When processing Unisoft products, maintain a fire watch if the material reaches 550 °F. This temperature is indicated only for safety reasons (risk of fire and product degradation) and is not necessarily recommended for processing. For more information about processing temperatures, consult the UNITED SOFT PLASTICS Processing Guides available from your sales representative.</p>
STORAGE	Store material in a cool, dry and well-ventilated area. We recommend protecting storage area with automatic sprinklers. Keep away from direct sunlight and other sources of heat or ignition. Avoid storage at temperatures above ambient to minimize risk of exothermic degradation, self-heating and possible self-ignition (refer to Section 10). Avoid storage under pressure or at elevated temperatures to minimize particulate clustering.
STORAGE TEMPERATURES	Ambient



SDS	Document No: USP-1255-0001
	Originator: Rudi Herbst
	Revision: A
	Revision Date: N/A
	Issue Date: 3/26/2015
	Approved by:

Section 8. Exposure Controls / Personal Protection

OCCUPATIONAL EXPOSURE	None established. In the absence of occupational exposure standards for this product, it is recommended that the following be adopted (MEL=Maximum Exposure Limits): <ul style="list-style-type: none"> • OSHA: Inhalable Dust PEL / TWA (8h) = 10 mg/m³ • OSHA: Respirable Dust PEL / TWA (8h) = 3 mg/m³ • ACGIH: Total Dust MEL / TWA (8h) = 10 mg/m³ • ACGIH: Oil mist (mineral) MEL / TWA (8h) = 5 mg/m³ • OSHA: Oil mist (mineral) PEL / TWA (8h) = 5 mg/m³
SKIN PROTECTION	Wear gloves when handling material.
RESPIRATORY PROTECTION	Where exposure to nuisance dust may exceed acceptable levels, use NIOSH / MSHA approved respiratory protection equipment. Use of local exhaust ventilation recommended.
EYE PROTECTION	Wear safety glasses, face shield or chemical goggles to avoid getting material in the eyes. Eyewash fountains and safety showers should be easily accessible.
BODY PROTECTION	Wear standard issue work clothes, which may include apron, safety shoes or boots as necessary.
OTHER MEASURES	Follow normal personal hygiene and good housekeeping practices. Follow standard OSHA regulations.

Section 9. Physical and Chemical Properties

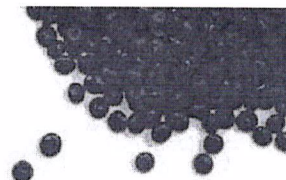
PHYSICAL APPEARANCE	Solid
COLOR	Natural
ODOR	Essentially odorless
SPECIFIC GRAVITY	1.12 (g/cc)
SOLUBILITY (IN WATER)	Insoluble

Section 10. Reactivity and Stability

STABILITY	Stable under ambient conditions. Oxidizes exothermically above ambient temperature.
HAZARDOUS POLYMERIZATION	Hazardous vapors from heated products are not expected to be generated under normal processing temperatures and conditions. Although highly dependant on temperature and environmental conditions, a variety of thermal decomposition products may be present if the product is over heated, is smoldering or catches fire. These range from simply hydrocarbons (such as methane and propane) to toxic/irritating vapors (such as carbon monoxide and dioxide, acrolein, aldehydes and ketones). (refer to handling in Section 7).
CONDITIONS TO AVOID	Keep away from heat, sparks and flame. Avoid contact with strong oxidizing agents.

Section 11. Toxicological Information

BASIS FOR ASSESSMENT	Toxicological data have not been determined specifically for this product. Information given is based on knowledge of the toxicology of similar products.
SKIN IRRITATION	Not expected to be irritating.
EYE IRRITATION	Not expected to be irritating.
SKIN SENSITIZATION	Not expected to be a skin sensitizer.
REPEATED DOSE TOXITY	Repeated exposure does not cause significant toxic effects.
MUTAGENICITY	Not considered to be a mutagenic hazard.



SDS	Document No: USP-1255-0001
	Originator: Rudi Herbst
	Revision: A
	Revision Date: N/A
	Issue Date: 3/26/2015
	Approved by:

Section 12. Ecological Information

BASIS FOR ASSESSMENT	Ecotoxicological data have not been determined specifically for this product. The information given is based on knowledge of the components and the ecotoxicology of similar products.
BIOACCUMULATION	Not expected to bioaccumulate.
OTHER INFORMATION	Unisoft™ materials are predominantly compounded from high molecular weight polymer products, which by all accounts are non-toxic and biologically inactive.

Section 13. Disposal Information

WASTE/PRODUCT DISPOSAL	Recover or recycle if possible, otherwise incinerate or use licensed landfill.
LOCAL LEGISLATION	The recommendation given is considered appropriate for safe disposal. However, local, state, federal, international, or country specific regulations take precedents. They may vary, and they may be more stringent but they must be strictly enforced and complied with.
OTHER INFORMATION	If this product becomes a waste and has not been chemically altered, it is not considered a hazardous waste as defined by RCRA (40CFR §261).

Section 14. Transport Information

US D. O. T. CLASSIFICATION	This material is not subject to the U.S.-D.O.T. (US-Department of Transportation) regulations under 49CFR-Parts 171-177.
I. A. T. A. REGULATIONS	This product is not classified as hazardous under I.A.T.A. (International Air Transportation Association) regulations.
I. M. D. G. CODE	This product is not classified as hazardous under the I.M.D.G. (International Maritime Dangerous Goods) Code.
A.D.R / C.R.T.D. / I.M.O. / I.C.A.O. CODES & REGULATIONS	This material is not dangerous for conveyance under these European and international codes and regulations.

Section 15. Regulatory Information

REMARK:	The regulatory information provided is not intended to be comprehensive. Other local, state, federal, international or country specific regulations may apply to this material.
S. A. R. A. Title III (US)	This material is not regulated under S.A.R.A. Title III (Superfund Amendment & Reauthorization Act).
T.S.C.A INVENTORY STATUS (US)	Component(s) of certain ingredients used for this material is/are listed on the E.P.A (US-Environmental Protection Agency) / T.S.C.A (Toxic Substances Control Act) list. However, the final product is not regulated under T.S.C.A.
STATE OF CALIFORNIA (US)	The California Safe Drinking Water Act does not regulate this material.
STATE OF GEORGIA (US)	The Georgia Right-To-Know-Act does not regulate this material.
STATE OF NEW JERSEY (US)	The New Jersey Right-To-Know-Act does not regulate this material.
STATE OF PENNSYLVANIA (US)	The Pennsylvania Right-To-Know-Act does not regulate this material.
EC – CLASSIFICATION (EUROPE)	Not classified as dangerous substance.

Section 16. Other Information

DATE PREPARED:	2/29/2016	DATE REVISED:	no revision made
DISTRIBUTION OF M. S. D. S.	The information in this document should be made available to all who may handle the material.		
DISCLAIMER	<i>To the best of our knowledge the information contained in this Material Safety Data Sheet is accurate. However, neither United Soft Plastics nor any of its affiliates makes any warranty, expressed or implied, or accepts any liability in connection with this information or its use.</i>		