



## Material Safety Data Sheet

### I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION :

Product Information : 活粒 T-blend , SBC (Styrenic block copolymer)
Product Number : <b>T-blend 0200-40N</b>
Manufacturer / Supplier Name \ Address : TSRC (Shanghai) Industries LTD /1406# Yushu Road, Songjiang Zone, Shanghai, China
Emergency Phone / Fax : 86-21-57734288 / 86-21-57734251

### II. COMPOSITION / INFORMATION ON INGREDIENTS :

Main compositions :

English Name : SBC (Styrenic block copolymer) ;
Synonyms :
Chemical Abstracts Number ( CAS No. ) : 66070-58-4 ;
Hazardous substance (%) : None

Mixture :

Hazardous Components Name	CAS.NO
SEBS	66070-58-4
Oil	64742-54-7
TPU	68400-67-9
CaCO <sub>3</sub>	471-34-1
A.O	2082-79-3

### III. HAZARD IDENTIFICATION :

Major Hazard Effect	Hazard Warnings for Health : The melt of high temp. may cause skin hurt.
	Hazard Warnings for Environment : None hazards
	Physical And Chemical Hazards : Non-toxicity and irritant. To avoid powder contact for eyes protection.
	Special Harm : None
Major symptom : None	
Hazard Category : None	

### IV. FIRST AID MEASURES :

Emergency And First Aid Procedures :
Inhalation : Please move to open area of air circulation while inhale the fumes and vapors ; Taking medical treatment if necessary.
Skin Contact : Please water shower while melting contact ; Taking medical treating if emergency.
Eye Contact : Please firstly shower of plenty water and take medical treatment while eye contact of melting.
Ingestion : None
Major symptom And Harm Effect : None
First-Aid Personal Protection : None
Prompts to Doctor : None

### V. FIRE FIGHTING MEASURES :



Suitable Extinguishing agents : Water, Dry chemicals, CO <sub>2</sub> , Water fog, Chemical foam extinguisher and sand, etc.
Special Exposure Hazards : None
Special Extinguishing Procedure : None
Special Protection Equipment : The fire fighters should be equipped with suitable protective equipments.

## VI. ACCIDENTAL RELEASE MEASURES :

Personal Protection : Please refer to item VIII.
Environmental Protection : None
Methods For Cleaning Up : For a spill or leak, vacuum or sweep up to place in clean container for recycle or disposal.

## VII. HANDLING AND STORAGE :

<p>Handling :</p> <ol style="list-style-type: none"> <li>To avoid the static electricity, the processing equipments with ground wire, safety power, and well-ventilation are necessary.</li> <li>To avoid hazards, the operators need to notice the workshop while the processing temp. is higher (~280°C).</li> <li>For long term storage, the material may cause degradation and ageing spontaneously .</li> </ol>
<p>Storage :</p> <ol style="list-style-type: none"> <li>The pellet needs to be kept in the well-ventilation, cool, and dry place. Warning : high temp. and sun-shine are forbidden.</li> <li>Keeping away from fire and inflammables.</li> <li>Please contact with the professional advisor, if the pellet kept in unusual condition.</li> </ol>

## VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION :

Engineering Control : None
<p>Control Factors :</p> <ul style="list-style-type: none"> <li>•TWA / STEL / CEILING/ BEI : None</li> </ul>
<p>Personal Protections :</p> <ul style="list-style-type: none"> <li>• Respiratory Protection : Use the approved respiratory protection such as full facepiece, mask to avoid the solvent vapor, dust, and particle.</li> <li>• Hand Protection : Approved gloves is required.</li> <li>• Eye Protection : Approved safety goggles is required.</li> <li>• Skin &amp; Body Protection : Work-wear and safety shoes are required .</li> </ul>
Hygiene Procedures : Wash thoroughly after handling.

## IX. PHYSICAL AND CHEMICAL PROPERTIES :

Appearance : Solid	Form : Pellet
Color : Natural	Odor : Odorless
pH value : None	Boiling Point / Boiling Range : None
Decomposition Temperature : None	Flash Point : None
Spontaneous Temperature : None	Explosive Limits : None
Vapor Pressure : None	Vapor Density : None
Density : 0.96-1.00(g/cm <sup>3</sup> )	Solubility in Water : Insoluble

## X. STABILITY AND REACTIVITY :

Stability : Stable in room temp. ; Above room temp., it may cause degradation phenomena.
Special Conditions of Hazardous Reaction : None



Condition to Avoid :
1. Avoid naked flame, ignition and heat source.
2. No strong oxidants contact.
3. High temp. storage is not allowed.
Incompatibility : None
Hazardous Decomposition Products : CO, CO <sub>2</sub> , hydrocarbon, allylaldehyde, methane, propane, ketone, aldehyde, and Volatile fatty acid.

### XI. TOXICOLOGICAL INFORMATION :

Acute Toxicity : None
Partial Effects : None
Sensitization : None
Chronic toxicity : None
Exceptional Effect : None

### XII. ECOLOGICAL INFORMATION :

Possibility of Environmental Impact / Fate : Harmlessness, non-biodegradable, and non-toxicity.
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### XIII. DISPOSAL CONSIDERATIONS :

Disposal Information : Recycle or treatment by certificated incinerators.
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### XIV. TRANSPORT INFORMATION :

International Transport Regulation : Safety transport by IATA and IMDA regulations.
The U.N. number : None
Domestic Transport Regulation : None
Special Transport And Notes : None

### XV. REGULATORY INFORMATION :

Applicable Regulation : None
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### XVI. OTHER INFORMATION :

Reference	None		
Refresh content	(1) accord with the chemical GHS system	(2)	(3)
Refresh date note (conserve three years)	(1)	2012/02/20	
	(2)	2013/01/20	
	(3)	2016/04/11	
Issued	Name: 2014© TSRC (Shanghai) Industries LTD		
	Addresses / Phone: 1406# Yushu Road, Songjiang Zone, Shanghai, China / 86-21-57734288		
Remarks	All safety data and information given above is for reference only, please judge the suitability before using.		