



# TUCO Sealant

## MATERIAL SAFETY DATA SHEET (MSDS)

### I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY INFORMATION

Product Name : Tuco Sealant  
Product Use : Joint Sealant  
Company : Sprint Mega Brands Corporation  
Address : 28 Madison St., Corner Union St., Barangay Barangka Ilaya,  
Mandaluyong City  
Telephone : (+632) 7 216-1430  
Email Address : info@sprintmegabrands.com  
Website : sprintmegabrands.com

### II. COMPOSITION/INFORMATION ON INGREDIENTS

Composition : Preparation based on polymeric ethyl carbamate urethane  
entirely cross-linked.

<u>Hazardous Ingredient(s)</u>	<u>Symbol</u>	<u>R Phrases</u>	<u>Other Information</u>	<u>%</u>
Diphenylmethane				
4,4'-diisocyanate	Xn	R20; R36/37/38; R42/R43	CAS: 101-68-8	<1
Xylene	Xn	R10;R20/21;R38	CAS: 1330-20-7	<1
Naptha hydrotreated				
heavy (petroleum)	Xn	R10; R65; R66	CAS: 64742-48-9	≤10

### III. HAZARDS IDENTIFICATION

Contains slight quantities of isocyanate (<at 1%).  
May cause sensitization by inhalation.  
May result in light irritation by skin and eye contact.

#### **IV. FIRST AID MEASURES**

Information in case of...

- |                         |  |
|-------------------------|--|
| After Inhalation        | : Move to fresh air. If irritation persists, seek medical advice.  |
| After Contact with Skin | : Wash skin with plenty of soap and water. Remove contaminated clothing. If irritation persists, seek medical attention. |
| After Contact with Eyes | : Wash eyes with plenty of water. If irritation persists, seek medical attention.  |
| After Ingestion         | : Do not induce vomiting. Seek medical advice.   |

#### **V. FIRE FIGHTING MEASURES**

- |                               |  |
|-------------------------------|--|
| Suitable Extinguishing Media  | : Water spray, Carbon Dioxide (CO2).   |
| Unadvised Extinguishing Media | : Pressurized-water fire extinguisher.   |
| Specific Dangers              | : Intact packaging could explode. Use water spray to cool fire exposed containers. |
| Special Protective Equipment  | : Wear self-contained breathing apparatus.   |

#### **VI. ACCIDENTAL RELEASE MEASURES**

- |                                      |  |
|--------------------------------------|--|
| Personal Precautions                 | : Gloves should be worn.   |
| Environmental Precautions            | : Do not empty into drains. This material and its container must be disposed of in safe way. |
| Methods for Cleaning Up              | : Scrape off mastic after polymerization.  |
| Product Recovery                     | : Polymerized mastic can be scraped off after polymerization.                                |
| Product Neutralizing and Elimination | : Incinerate according to appropriate regulations.   |

#### **VII. HANDLING AND STORAGE**

- |                        |  |
|------------------------|--|
| Handling               | : Ensure adequate ventilation. Avoid smoking and drinking when handling. Keep away from sources of ignition. |
| Storage                | : Store in a cool, dry, well ventilated area. Keep container tightly closed.                                 |
| Incompatible Materials | : Strong acids and strong bases.   |

## **VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Exposure Control Limits

#### SUBSTANCE

#### 8-HOUR TWA

Diphenylmethane 4,4'-diisocyanate

Short term: 0.1 mg/m<sup>3</sup>

Long term: 0.2 mg/m<sup>3</sup>

Engineering Control Measures

: Use only in well ventilated areas.

Personal Protective Equipment

: Goggles. Impervious gloves.

## **IX. PHYSICAL AND CHEMICAL PROPERTIES**

Form

: Solid

Color

: Various colors

Odor

: Light

Flash Point

: >40°C

Self-Ignition Temperature

: >200°C

Explosion limits

: Lower: 0.6 Vol %

: Upper: 8 Vol %

Density (at 20°C)

: 1.16

Water Solubility

: Insoluble

VOC having @ 293.15K a Vapour

Pressure of 0.01 kPa or more

: <7%

## **X. STABILITY AND REACTIVITY**

Stability

: Stable product if used and stored at indicated temperatures.

Conditions to avoid

: Heat

Materials to avoid

: Strong acids and strong bases.

Hazardous decomposition products

: CO, CO<sub>2</sub>, isocyanate traces.

## **XI. TOXICOLOGICAL INFORMATION**

### Health Effects

On Eyes

: Conjunctivitis

By Inhalation

: Can cause sensitisation when inhaled.

By Ingestion

: No serious effect.

## **XII. ECOLOGICAL INFORMATION**

Environmental Assessment	: When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility	: Insoluble in water.
Persistence and Degradability	: Expected to be readily biodegradable.
Bioaccumulative Potential	: Not known.
Ecotoxicity	: Not ecotoxic to fish/daphnia/algae in cured state.

## **XIII. DISPOSAL CONSIDERATIONS**

Excess substance or waste	: Solid mass can be incinerated.
Elimination method	: Incineration according to appropriate regulations.
Contaminated packaging	: Aluminium packaging maybe recycled.
Elimination method	: According to appropriate regulations.

## **XIV. TRANSPORT INFORMATION**

UN Number	: Not classified as hazardous for transport.
IMO Class	: Not classified as hazardous for transport.
IATA/ICAO Class	: Not classified as hazardous for transport.
ADR Class	: Not classified as hazardous for transport.
Subsidiary risk	: -
Packaging group	: -
Label	: -
Additional information	
ADR-HIN	: -
IMDG-EMS	: -
Marine Pollutant	: No
IMO	: -

## **XV. REGULATORY INFORMATION**

Hazard label : Not classified as hazardous.

Symbol : Xn

Risk Phrases : May cause sensitization by inhalation.

Safety Phrases : Do not breathe vapor. In case of accident or if unwell, seek medical advice immediately (show the label whenever possible).  
Keep out of the reach of children.

## **XVI. OTHER INFORMATION**

Issue no. : 1

Issue date : 24-Dec-17

Issued by : Sprint Mega Brands Corporation

*DISCLAIMER: No liability will be accepted for any injury, loss, damage, or cost arising directly or indirectly from the use of any information contained in this Material Safety Data Sheet since the customer's handling of the product is out of our control.*

*The data above are based on our current knowledge and experience. This MSDS is intended to describe our product in terms of its safety requirements. It does not necessarily guarantee the properties described in this safety data sheet.*



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