



SECTION I: PRODUCT INFORMATION

PRODUCT: **SikaBond®-T53**REVISION DATE: February 1st, 2015

USAGE: ONE COMPONENT ADHESIVE

MANUFACTURER/SUPPLIER: SIKA CANADA INC.
601, avenue Delmar
Pointe Claire, QC
H9R 4A9**EMERGENCY TELEPHONE NUMBER: CANUTEC (collect) (613) 996-6666**

TDG CLASSIFICATION: Not Regulated

WHMIS Classification: B3, D2A, D2B

UN NUMBER: Not Established

Class: Not Applicable

Packaging Group: Not Applicable

SECTION II: HAZARDOUS INGREDIENTS

| Hazardous ingredients | % | T.L.V. | # CAS | LD ₅₀ (species, route) | LC ₅₀ (species, route) |
|---------------------------------------|---------|--------------------|---------------|--------------------------------------|---------------------------------------|
| POLYISOCYANATE PREPOLYMER | 15-40 | Not available | Not available | Not available | Not available |
| METHYLENE BIS PHENYL ISOCYANATE | 0.1-1.0 | ACGIH 0,005 ppm | 101-68-8 | 9200 (oral, rat) | 380 mg/m ³ 4 hours(Rat) |
| AROMATIC BLEND | 1-5 | Not Available | 64742-82-1 | Not Available | Not Available |
| XYLENE | 1-5 | 100 ppm | 1330-20-7 | 4300 (oral, rat) | 6350 ppm/4h |
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SECTION III: PHYSICAL CHARACTERISTICS

Physical State: Liquid
Appearance and Odor: Brownish, aromatic odorOdor Threshold: Not Established
Evaporation Rate: Not Established
Vapor Density: Not Established
Vapor Pressure: Not EstablishedBoiling Point: Not Established
Freezing Point: Not Established
Density: 1.25 g/ml
Water Solubility: Reacts with water
pH: Not Established
% volatile: < 4 %
Water/Oil Distribution: Not Established



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SECTION IV: FIRE AND EXPLOSION HAZARDS

| | | | |
|--------------------------------|--|----------------------------------|--|
| Flammability: | Combustible | TDG Flammability Class: | Not Applicable |
| If Yes, under what conditions: | Protect from flame and sparks | Flammable upper limits (% vol.): | Not Established |
| | | Flammable lower limits (% vol.): | Not Established |
| | | Flash Point (method used): | > 61°C |
| | | Auto-ignition temperature: | Not Established |
| Extinguishing methods: | Foam, dry chemical products, CO ₂ , water spray (fog) | Dangerous Combustion Products: | Carbon oxides, nitrogen oxides, MDI, HCl |
| Special Methods: | Fire fighters must wear complete protective clothing with self-contained breathing apparatus and they must protect any exposed skin. Heated isocyanates react strongly with water. | Protect from mechanical impact: | No |
| | | Protect from static discharge: | No |

SECTION V: REACTIVITY DATA

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|--------------------------------------|---|-----------------------------------|--|
| Chemical stability: | Yes | Dangerous decomposition products: | Carbon oxides, nitrogen oxides, MDI, HCl |
| If not, under what conditions | Open flame | | |
| Incompatibility with other material: | Yes | Polymerization Risks: | No |
| If Yes, which ones: | Water, strong acids, strong oxidizer, amines. | | |



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SECTION VI: TOXIC PROPERTIES

ROUTE OF ENTRY / CONTACT

Eyes: Eye irritant

Skin: May cause skin irritation. Prolonged and/or repeated contact with skin may cause an allergic reaction/sensitization.

Inhalation: May cause respiratory tract irritation. May cause respiratory sensitization.

Ingestion: May cause effects to the gastro-intestinal tract, usually resulting from ingestion of the material, such as irritation, nausea, gastro-intestinal disorders, ulceration, diarrhea or constipation.

Over exposure may cause breathing difficulties, sensitization, headaches, nausea, vomiting. May aggravate respiratory, skin, eye, lung problems and allergies.

If the product is applied according to the manufacturer, none of these symptoms should be encountered.

A person who is allergic to isocyanides may have a reaction with a level of isocyanates well below the T.L.V.

Xylene is a central nervous system depressor and in rare cases, may cause a sensitization of the heart muscle causing arrhythmia

Carcinogenicity: Carbon Black is a possible carcinogen (according to the IARC); MDI is a class 3 according to the IARC.)

Toxic effects on reproduction: Not Established

Teratogenicity: Xylene is classified as a development toxicant (Embryo toxin)

Mutagenicity: Not Established

Product with synergistic effects: Not Established

A chronic exposure will increase the toxic effects mentioned in this section and may aggravate respiratory problems.



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SECTION VII: PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Gloves: Use chemical resistant gloves. (ex: Neoprene)

Respiratory equipment: If T.L.V. is exceeded, wear appropriate NIOSH approved respirator. (Self-contained breathing apparatus)

Eyes: Full face mask or safety glasses

Shoes: Leather

Clothing: Long sleeve shirt and long pants

Other: Eye wash station, shower

OTHERS

Ventilation: Sufficient ventilation required.

Procedure in case of leaks: Absorb with sand or other absorbent material.

Handling and Equipment methods: Avoid skin, eye and clothing contact

Warehouse Requirements: Keep away from heat. Keep all containers closed in a cool, dry area. Protect from moisture and foreign material. If moisture enters drum, pressure build up may occur due to reaction. Store at temperatures between 0 - 50°C. At maximum temperature, material may polymerize without hazard. Ideal storage temperature is 10 - 27°C. Keep away from incompatible materials.

Special Shipping Instructions: Not regulated

Waste Disposal: Dispose of sand and rinse water according to municipal, provincial or federal laws for disposal of chemicals.



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SECTION VIII: FIRST AID

- Skin : Remove contaminated clothing and shoes.
Wash immediately with plenty of water.
Wash clothing before re-wearing.
If symptoms persist, consult physician.
- Eyes : Rinse eyes immediately with plenty of water for at least 15 minutes, while holding eyelids wide open, to ensure a proper wash.
See a physician immediately.
- Inhalation : In the case of overexposure, evacuate to fresh air.
If breathing has stopped, institute artificial respiration.
Consult a physician.
- Ingestion : Drink plenty of water. Do not induce vomiting.
Do not give anything by mouth to an unconscious person.
See a physician immediately.

SECTION IX: PREPARATION INFORMATION

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