



# MATERIAL SAFETY DATA SHEET

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 Revision 6

**EMERGENCY TELEPHONE NUMBER (24 HOURS): CHEMTREC, 1-800-424-9300**

## SECTION 1: PRODUCT IDENTIFICATION

**Product Name:** Q-54 Family of Thermally applied butyl sealing compounds  
**Chemical Name:** ISOBUTYLENE  
**Chemical Family:** BUTYL MIXTURE

### HMIS Ratings

Health Hazard: 0 -- MINIMAL  
 Flammability Hazard: 0 -- MINIMAL  
 Reactivity Hazard: 0 -- MINIMAL

## SECTION 2: HAZARDOUS COMPONENT INFORMATION

- ! Based on data available to Edge Adhesives, none of the components in this product are considered hazardous according to OSHA Hazard Communication Standard 29CFR1910.1200.
- ! The composition of this mixture is proprietary information. In the event of a medical emergency, compositional information will be provided to a physician or nurse.

## SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES

Volatile (Wt.) %:	.00	Appearance:	Soft pliable
Solubility in Water:	Insoluble	gum	
Specific Gravity (H <sub>2</sub> O = 1)	1.35-1.45	Color:	Off white
Evaporation Rate:	Not applicable	Q-54	Black
Softening Point:	245-	Q-54BB	Off white
285°F		Q-54XX-10	White
		Q-54WX-10	None
		Odor:	

## SECTION 4: FIRE HAZARDS



Flash Point: >400<sup>v</sup> F (204<sup>v</sup> C)  
Method: Pensky Marten closed cup  
Extinguishing Media: Foam, Carbon dioxide, dry chemical, water  
Special Fire-Fighting Procedures: Large quantities of water will extinguish. Do not enter confined space without proper protective equipment.  
Hazardous Combustion Products: Carbon monoxide, Carbon dioxide

## SECTION 5: HEALTH HAZARDS IDENTIFICATION

### POTENTIAL HEALTH EFFECTS

- Acute or Immediate Effects -- Routes of Entry and Symptoms

Ingestion: Not expected to be an ingestion hazard.

Skin: May cause irritation to sensitive skin. Molten material will cause thermal burns.

Eye: Particles may cause irritation. Molten material will cause thermal burns.

Inhalation: Not likely route of entry.

- Chronic Effects: None known.
- Medical Conditions Aggravated by Exposure: None known.

**Carcinogenicity Information:** None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTC, OSHA, or ACGIH as a carcinogen.

## SECTION 6: FIRST AID PROCEDURES



- Ingestion: Consult a physician if vomiting occurs.
- Skin Contact: If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burns.
- Eye Contact: Flush with water. Consult a physician if irritation persists.
- Inhalation: Remove to fresh air.

## SECTION 7: STABILITY AND REACTIVITY

- Stability: Stable
- Conditions to Avoid: Do not store near strong oxidizers or open flames.
- Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide
- Polymerization: Will not occur.

## SECTION 8: ACCIDENTAL RELEASE MEASURES

- ! If product is not contaminated, put into clean containers for use. If product is contaminated, put into containers for disposal.
- ! Dispose of according to local, state, and federal regulations for nonhazardous solid waste.

## SECTION 9: EXPOSURE CONTROLS / PERSONAL PROTECTION

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure at all times.

- Respiratory Protection: Not required under normal conditions.
- Ventilation: Not required
- Protective Gloves: Required when working with molten material.
- Eye Protection: Required when working with molten material.



- Other Protective Equipment: None
- Hygienic Practices: Wash hands before eating, smoking, or using washroom. Adhere to the sanitation requirements of 29CFR1910.141 and 29CFR1910.142.

## SECTION 10: TRANSPORTATION INFORMATION

- D.O.T. Shipping Information: Not regulated
- I.M.O. Shipping Information: Not regulated

## SECTION 11: REGULATORY INFORMATION

**Section 313 Supplier Notification:** This product contains no known toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40CFR372.

### **STATE REGULATIONS (U.S.):**

#### **! STATE RIGHT-TO-KNOW LAWS**

No substances on the state hazardous substances list for the states indicated below are used in the manufacture of products on this Material Safety Data Sheet, with the exceptions indicated. While we do not specifically analyze these products, or the raw materials used in their manufacture, for substances on various state hazardous substances lists, to the best of our knowledge the products on this Material Safety Data Sheet contain no such substances except for those specifically listed below:

- 1) Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for special hazardous substances): None known
- 2) WARNING: Substances known to the State of California to cause cancer, birth defects, or other reproductive harm: None known
- 3) Substances on the New Jersey Workplace Hazardous Substance List present at a concentration of 1% or more (0.1% for substances identified as carcinogens, mutagens, or teratogens): None known

**CANADIAN WHMIS:** To the best of our knowledge, this material is classified as a NONCONTROLLED PRODUCT.



## SECTION 12: ADDITIONAL COMMENTS

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

*This information is taken from sources or based upon data believed to be reliable; however, Edge Adhesives disclaims any warranty, express or implied, as to the absolute correctness or sufficiency of any of the foregoing or that additional or other measures may be required under particular conditions.*

## SECTION 13: OTHER INFORMATION

Revisions made: Updated physicals and added Q-54WX-10 to MSDS.