

## MATERIAL SAFETY DATA SHEET

Chip Quik Inc.  
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USA

05/12/09

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**Trade name: Chip Quik tacky paste fluxes shown as Product name**

### SECTION 1: IDENTIFICATION OF SUBSTANCE

PRODUCT NAME: Chip Quik Tacky Paste Flux: SMD291, SMD4300TF10 and SMD291NL

SYNONYMS: Tacky Flux

CHEMICAL FAMILY: Mixture

FORMULA: Proprietary

CAS REGISTRY NUMBER: Not applicable since product is a mixture.

MANUFACTURED BY: AMTECH, Inc. 75 School Ground Road, Branford, CT 06405; Ph: 203-481-0362

### SECTION 2: COMPOSITION/ DATA ON COMPONENTS<sup>(1)</sup>

HAZARDOUS COMPONENTS	CAS NUMBER	EXPOSURE LIMITS
Modified Rosins <sup>(2)</sup>	NA	Not Established
Pine Oil Derivatives <sup>(2)</sup>	8000-41-7	Not Established
Proprietary Ingredients <sup>(2)</sup>	NA	Not Established
Mixed Carboxylic Acids <sup>(2)</sup>	NA	Not Established

(1) Per 29 CFR 1910 the mixture has not been tested as a whole. All hazardous components, which comprise  $\geq 1\%$  of the mixture (0.1% if carcinogenic) are listed. Percentages of individual components are not listed as this information is considered a trade secret.

(2) The identity of the specific chemical(s) is being withheld as a trade secret per 29 CFR 1910.1200. The hazardous properties of these ingredients are disclosed in this MSDS.

### SECTION 3: HAZARDS IDENTIFICATION

#### PRINCIPAL HEALTH EFFECTS:

Toxic effects described in animals from exposure to component(s) of this product by inhalation, ingestion, skin or eye contact includes: Skin sensitization, skin irritation, moderate to severe eye irritation, liver effects, and kidney effects. Human health effects of over exposure to components of this product may include: Allergic skin rashes, skin irritation with discomfort or rash, shortness of breath.

#### OTHER EFFECTS AND ADDITIONAL HEALTH HAZARD INFORMATION:

Skin sensitization may be caused in susceptible humans.

### SECTION 4: FIRST AID MEASURES

**SKIN CONTACT:** In case of contact, immediately wash skin with soap and plenty of water. Remove clothing.

**EYE CONTACT:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**INHALATION:** If large amounts are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

**INGESTION:** If swallowed, drink large quantities of water. Never give anything by mouth to an unconscious person. Call a physician.

Skin sensitization may be caused in susceptible humans.



## **SECTION 11: TOXICOLOGICAL INFORMATION<sup>(3)</sup>**

### **PRINCIPAL HEALTH EFFECTS:**

Toxic effects described in animals from exposure to component(s) of this product by inhalation, ingestion, skin or eye contact includes: Skin sensitization, skin irritation, moderate to severe eye irritation, liver effects, and kidney effects. Human health effects of over exposure to components of this product may include: Allergic skin rashes, skin irritation with discomfort or rash, shortness of breath.

### **OTHER EFFECTS AND ADDITIONAL HEALTH HAZARD INFORMATION:**

Skin sensitization may be caused in susceptible humans.

## **SECTION 12: ECOLOGICAL INFORMATION**

---Data not Available, this product is a mixture that has not been tested as a whole to determine its hazards ---

## **SECTION 13: DISPOSAL CONSIDERATIONS**

Emptied product containers, contaminated clothing and cleaning equipment should be considered "hazardous" and disposed of in accordance with area procedures for materials which may contain lead.

## **SECTION 14: TRANSPORT INFORMATION**

DOT Hazardous Material Classification: Tacky Paste Flux is not listed as a DOT Hazardous Material.

## **SECTION 15: REGULATORY INFORMATION**

This product is not listed on the EPA TSCA list. All components of this product are on the TSCA inventory list.

### **REVIEWS, STANDARDS AND REGULATIONS**

CARCINOGENIC REVIEW: Animal Indefinite Inemdt 23, 325, 80

ACGIH TLV-TWA 0.15 Mg (Pb)/M3 85INA8 5,343,86

MSHA Standard-AIR: TWA 0.15 Mg (Pb)/M3 DTLVS 3,143,71

OSHA Standard-AIR: TWA 0.05 Mg (Pb)/M3 FEREAC 43,53007,78

NIOSH Rel to Inorganic Lead AIR TWA 0.10 Mg/ (Pb) /M3

MMWWR 34 (1S), 21S, 85

EPA Genotox Program 1986, Inconclusive: Carcinogenicity - Mouse/Rat

EPA Genotox Program 1986, Inconclusive: Invivo Cytogenetics - Human Lymphocyte

EPA TSCE Section 8(E) Status Report 8EHQ-0680-0345

MIOSH Analytical Methods: See Lead, 7082; Elements, 7300; Lead in Blood and Urine, 8003

Meets criteria for proposed OSHA Medical Records Rule FEREAC 47,30420,82

Only Selected Registry of Toxic Effects of Chemical Substances (RTECS) data is presented here. See actual entry in RTECS for complete information.

## **SECTION 16: OTHER INFORMATION**

This MSDS is a compilation of the information supplied in the MSDS's obtained from the manufacturers of the chemicals contained in this product. 29 CFR 1910.1200 was consulted for MSDS guidelines.

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