

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** Nashua Duct Tape  
**Use/Size** Polymer Based Pressure Sensitive Adhesive  
**Product Numbers** 300, 333, 345, 351, 354, 357, 365, 392, 393, 394, 395, 396, 398, 399  
**Manufacturer/Supplier** Covalence Adhesives  
**Address** 25 Forge Parkway  
 Franklin, MA 02038  
**Phone Number** (800) 248-7659 (Monday – Friday 8:00 am to 5:00 pm)  
**Chemtrec Number** (800) 424-9300  
**Revision Date:**  
**MSDS Date:** August 10, 2006

*This MSDS has been compiled in accordance with - EC Directive 91/155/EC - OSHA's Hazcom Standard (29 CFR 1910.1200)*

## 2. COMPOSITION/INFORMATION ON THE COMPONENTS

Component Name	CAS#/Codes	Concentration	R Phrases	Classification
Polymers and Rubbers	N.A.	<20%	None	None
Hydrocarbon resin	N.A.	<25%	None	None
Inorganic Compound(s)	N.A.	<30%	None	None
Quartz	14808-60-7	<1%	None	None

## 3. HAZARD IDENTIFICATION

### EU Main Hazards

Not classified as hazardous.

### Routes of Entry

- Inhalation - Skin contact

### Carcinogenic Status

See Section 11 for information.

### Target Organs

- Skin

### Health Effects - Eyes

Contact may cause irritation due to mechanical abrasion.

### Health Effects - Skin

Prolonged, repeated contact with adhesive may cause skin irritation.

### Health Effects - Ingestion

Not an expected route of entry during normal handling and use.

### Health Effects - Inhalation

Prolonged, repeated inhalation of adhesive may cause dizziness and drowsiness.

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#### 4. FIRST AID MEASURES

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**Eyes**

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

**Skin**

Wash skin thoroughly with soap and water. Obtain medical attention if blistering occurs or redness persists.

**Ingestion**

Obtain medical attention immediately.

**Inhalation**

Remove person to fresh air. Seek medical attention if symptoms persist.

**Advice to Physicians**

Treat symptomatically.

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#### 5. FIRE FIGHTING MEASURES

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**Extinguishing Media**

Water spray, carbon dioxide and dry chemical.

**Unusual Fire and Explosion Hazards**

Can release hazardous vapors during a fire.

**Protective Equipment for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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#### 6. ACCIDENTAL RELEASE MEASURES

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No specific measures necessary. Prevent the material from entering drains or watercourses.

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#### 7. HANDLING AND STORAGE

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Keep away from heat and sources of ignition. Exposure to high heat or flame can release irritating and toxic fumes. Storage area should be: - cool - dry - well ventilated - away from incompatible materials

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#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Occupational Exposure Standards**

Exposure limits are listed below, if they exist.

**Polymers and Rubbers**

None established

**Hydrocarbon Resin**

None established

**Quartz**

ACGIH TLV for Quartz (silica-crystalline) is 0.05 mg/m<sup>3</sup> measured as respirable fraction of the aerosol

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**Engineering Control Measures**

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels.

**Respiratory Protection**

Respiratory protection not normally required.

**Hand Protection**

Not required under normal conditions of use. However, care should be taken to avoid contact with the adhesive.

**Eye Protection**

Safety glasses

**Body Protection**

Normal work wear.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Physical State</b>	Polymer and cloth backing with a polymer based pressure sensitive adhesive
<b>Color</b>	Varied
<b>Odor</b>	Slight
<b>pH</b>	Not applicable
<b>Specific Gravity</b>	No data available
<b>Boiling Range/Point (°C/F)</b>	Not applicable
<b>Melting Point (°C/F)</b>	Not applicable
<b>Flash Point (PMCC) (°C/F)</b>	Not known
<b>Explosion Limits (%)</b>	No data available
<b>Vapor Pressure</b>	Not applicable
<b>Density</b>	No data.
<b>Solubility in Water</b>	Not known
<b>Vapor Density (Air = 1)</b>	Not applicable

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**10. STABILITY AND REACTIVITY**

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**Stability**

Stable under normal conditions.

**Conditions to Avoid**

- Heat - High temperatures

**Materials to Avoid**

Acids – bases – strong oxidizers

**Hazardous Polymerization**

Will not occur.

**Hazardous Decomposition Products**

– oxides of carbon – hydrocarbons – partially oxidized hydrocarbons – traces of alphaethylacrolein and formaldehyde – aldehydes – acrolein – waxes – oligomers – oxygenated hydrocarbons – oxides of nitrogen

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**11. TOXICOLOGICAL INFORMATION**

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**Acute Toxicity**

Low order of acute toxicity.

**Chronic Toxicity/Carcinogenicity**

This product is not expected to cause long term adverse health effects.

For "inhalable" crystalline silica (quartz): IARC Overall Evaluation is 1 (carcinogenic to humans), the quartz in this formulation is in an adhesive matrix and is not expected to be "inhalable"

**Genotoxicity**

This product is not expected to cause any mutagenic effects.

**Reproductive/Developmental Toxicity**

This product is not expected to cause adverse reproductive effects.

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**12. ECOLOGICAL INFORMATION**

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**Mobility**

No relevant studies identified.

**Persistence/Degradability**

No relevant studies identified.

**Bio-accumulation**

No relevant studies identified.

**Ecotoxicity**

The product may be harmful to aquatic organisms.

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**13. DISPOSAL**

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Dispose of in accordance with all applicable local and national regulations.

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**14. TRANSPORT INFORMATION**

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<b>DOT CFR 172.101 Data</b>	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated
<b>UN Class</b>	None.
<b>UN Number</b>	None.
<b>UN Packaging Group</b>	None.
<b>Classification for AIR Transportation (IATA)</b>	Consult current IATA Regulations prior to shipping by air.

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**15. REGULATORY INFORMATION**

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**EU Label Information**

Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

**EC Annex I Classification**

According to EC Commission Directive 67/548/EEC this product is not classified.

**R phrases**

None.

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**15. REGULATORY INFORMATION**

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**S phrases**

None.

**US REGULATIONS (Federal, State) and INTERNATIONAL CHEMICAL REGISTRATION LAWS****TSCA Listing**

This product contains ingredients that are listed on or exempt from listing on the EPA Toxic Substance Control Act Chemical Inventory.

**EINECS Listing**

All ingredients in this product have not been verified for inclusion on the European Inventory of Existing Commercial Chemical Substances (EINECS) or specifically exempted.

**DSL (Canadian) Listing**

All ingredients in this product have not been verified for inclusion on the Domestic Substance List (DSL).

**MA Right To Know Law**

This product contains the following chemicals on the Massachusetts Right to Know Law: - Quartz (14808-60-7) <1% - Titanium Dioxide (13463-67-7) <2% - BHT (128-37-0) <1% - Amorphous Silica (7631-86-9) <1%

**PA Right To Know Law**

This product contains the following chemicals on the Pennsylvania Hazardous Substance List: - - - Quartz (14808-60-7) <1% - Titanium Dioxide (13463-67-7) <2% - BHT (128-37-0) <1% - Amorphous Silica (7631-86-9) <1%

**NJ Right To Know Law**

This product contains the following chemicals on the New Jersey Workplace Hazardous Substance List: - Quartz (14808-60-7) <1% - Titanium Dioxide (13463-67-7) <2% - BHT (128-37-0) <1% - Amorphous Silica (7631-86-9) <1%

**California Proposition 65**

This product contains the following materials which the State of California has found to cause cancer, birth defects or other reproductive harm: - Quartz (14808-60-7) <1% - Arsenic (7440-38-2) <1ppm - Lead (7439-92-1) <1 ppm - Carbon black (1333-86-4) < 0.1%

**SARA Title III Sect. 302 (EHS)**

This product does not contain any chemicals subject to SARA Title III Section 302.

**SARA Title III Sect. 304**

This product does not contain any chemicals subject to SARA Title III Section 304.

**SARA Title III Sect. 311/312 Categorization**

Immediate (acute)

**SARA Title III Sect. 313**

This product contains the following chemicals that are listed in Section 313 at or above de minimis concentrations. - none

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**16. OTHER INFORMATION**

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**NFPA Ratings**

NFPA Code for Flammability - 0

NFPA Code for Health - 1

NFPA Code for Reactivity - 0

NFPA Code for Special Hazards - 0

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## 16. OTHER INFORMATION

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### HMIS Ratings

HMIS Code for Flammability - 0

HMIS Code for Health - 1

HMIS Code for Reactivity - 0

HMIS Code for Personal Protection - See Section 8

### Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

R: Risk

S: Safety

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

BOD: Biological Oxygen Demand

KoC: Soil Organic Carbon Partition Coefficient

**For further information email:** [Technical.Adhesives@covcorp.com](mailto:Technical.Adhesives@covcorp.com)

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