

QUICKCABLE

Material Safety Data Sheet (MSDS)

Description: Loom/Wrap Split Loom

Part Number: 505101-505110

SECTION I CONTACT INFORMATION

Date: 07/2013

Quick Cable Corporation
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Telephone: 1-800-558-8667
Emergency Telephone: 973-694-4141

Cable Product I.D.: 505101-505110

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Carbon black is a respirable dust which may cause injury to the respiratory tract if inhaled in excessive concentrations. The carbon black in this product is compounded into the polymer matrix and, thus, is not expected to present the same hazards as neat carbon black. This compound may contain varying amounts of polymers, stabilizers, and processing aids. Except as indicated above, any hazardous chemicals that may be included in these mixtures are present in concentrations of less than 1.0 percent.

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

% Volatiles by Volume: Negligible
Vapor Pressure: (mm Hg at 20° C) Negligible
Vapor Density: Not Applicable
Solubility in Water: Not Soluble

Appearance and Odor: Not Applicable
Specific Gravity (H₂O=1): 1.13
Melting Point: 246 °C
Evaporation Rate: (Butyl acetate =1) Not applicable

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flash Point: Not applicable

Autoignition Temperature: Greater than 410° C

Flammable Limits in Air: Not applicable

Unusual Fire and Explosion Hazards: Emits toxic fumes when heated to decomposition. Avoid accumulation and dispersion of dust to reduce explosion potential.

SECTION V ACCIDENTAL RELEASE MEASURES

Spill: Sweep up and collect in suitable container for disposal.

Caution: Pellets on floor are slippery and can cause falls.

SECTION VI REACTIVITY DATA

Stability: Stable

When nylon melts are overheated by exposure to temperatures above normal processing temperatures and/or for extended periods of time, some decomposition products may be produced which may be injurious to health. The organic compounds produced in this type of decomposition will depend upon the specific temperature, time, and environment involved, but may include nitrils, amines, ketones, and carboxylic acids of many molecular weights and structures.

Materials to Avoid: Strong oxidizing agents.

Combustion: When exposed to flame, nylon resins may release carbon monoxide and small amounts of hydrogen cyanide into the atmosphere. The decomposition products mentioned may also be produced.

Hazardous Polymerization: Will not occur

SECTION VII HEALTH HAZARD DATA

None Known

Emergency First Aid Procedures:

Inhalation: Remove affected individual to fresh air, obtain medical attention for irritation or other exposure symptom.

Eyes: Flush eyes with water immediately for at least 15 minutes. If irritation or discomfort persists, obtain medical attention.

Skin: Wash affected area with mild soap and water. If hot polymer burns the skin, immerse burned area in cold running water and obtain medical attention immediately.

Ingestion: Not a probable route of exposure, but avoid ingestion of this product.

SECTION VIII PRECAUTIONS FOR SAFE HANDLING AND USE

Storage: Store in moisture proof containers in a cool and dry area.

SECTION IX CONTROL MEASURES

Ventilation: Maintain vapor or dust levels below the permissible TLV concentration by the use of an adequate local or mechanical (general) exhaust system.

Normal Handling: Wear Adequate personal protective equipment. Avoid breathing vapor or dust. Use with adequate ventilation.

Respiratory Protection:

Dust: Excessive nuisance dust may be irritating to the eyes and breathing passages and may cause skin abrasion. The American Conference of Governmental Industrial Hygienists recommends a threshold limit value (TLV) of 10 milligrams per cubic meter of air for general nuisance dust. This level should not be exceeded. If upper respiratory tract irritation occurs, use a respirator designed for nuisance type dust.

Eyes and Face: Safety glasses should be worn in all manufacturing areas.

Hands, arms and body: Gloves should be worn when opening and emptying shipping containers to minimize cuts and bruises.

Other Clothing and Equipment: When handling molten resin, a face shield, protective gloves and arm protection should be worn.

Fire Extinguishing Agents Recommended: Water, water fog, carbon dioxide, dry chemical, or foam fire extinguishing systems.

Special Fire Fighting Precautions: A self-contained breathing apparatus approved by the National Institute of Occupational Safety and Health (NIOSH) should be used.

Appearance and odor: Black pellets, negligible odor.

SECTION X OTHER REGULATORY INFORMATION

RCRA Status of Unused Material: Not a RCRA hazardous waste. 40CFR:261

Disposal Considerations: Waste Disposal Methods (Disposer must comply with Federal, State and local Disposal or Discharge Laws) . If reprocessing of waste resin is not desirable for the particular end use and the waste is to be discarded, it can be discarded as a harmless organic material.

Transport Information: Not regulated

Permissible Concentration References: 1992-1993 Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices ACGIH

Regulatory Standards: Code of Federal Regulations, Title 29 Chapter SVII, Part 1910, Subpart Z Updated

D.O.T. Classification: 49CFR

General: Sax, N. Irving, Dangerous Properties of Industrial Materials, Eighth Edition, VanNostrand Reinhold Co., New York, NY

SECTION XI TOXICOLOGICAL INFORMATION

Hazardous Decomposition Products: All nylon resins, including Nylene® 2401 HSSP, can decompose. The nature of the decomposition products will depend upon the temperature and environmental conditions to which Nylene® 2401 HSSP nylon is exposed and the time of exposure. Under normal processing conditions, Nylene® 2401 HSSP nylon resins may produce a small amount of volatile material including low molecular weight volatile polymer fractions (oligomers). These materials can be observed as fumes around melt processing equipment when, for instance, molten resin is exposed to air or when molds are open.

SECTION XII ECOLOGICAL INFORMATION

Octano/Water Partition Coefficient: Not applicable

EPA Hazardous Substance: No

This information is accurate to the best of Quick Cable Corporation's knowledge or obtained from sources believed by Quick Cable to be accurate. Before using this product, read all warnings and directions on the label.