



## MATERIAL SAFETY DATA SHEET

Prepared in accordance with ISO 11014-1/ ANSI standard  
Z400.1-2004

Revision Date: 11/1/2011  
MSDS No.: ND1018

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Plastisol – As Applied (All versions except 93)

**Synonyms:** 76, 92, 185, 188, 211

**Use of the Substance/Preparation:** Masking and sealing

**Supplier:**

ND Industries, Inc.  
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**Emergency Telephone Number:** 24 hr. EMERGENCY CHEMTREC 1-800-424-9300  
24 hr. CHEMTREC INTERNATIONAL +1-703-527-3887

### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW-  
CAUTION:**

Malleable solid. Various colors.

**Principle Routes of Exposure:**

Skin.

**POTENTIAL HEALTH EFFECTS:**

**Eye Contact:**

May cause mechanical irritation if dried material enters the eye.

**Skin Contact:**

Direct contact over a prolonged period may cause skin irritation.

**Inhalation:**

Not expected to be a route of entry for applied material.

**Ingestion:**

Not expected to be route of entry for applied material.

**Carcinogenic Effects:**

No data on product. Contains carbon black and antimony oxide which have been classified by IARC as group 2B, possibly carcinogenic to humans.

**Target Organ Effects:**

No data available on product.

**Medical Conditions Aggravated by  
Exposure:**

No data available.

**Potential Environmental Effects:**

No data available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	EINECS Number	Weight %	EU Classification
Vinyl Compound	Proprietary	n/a	60-100	None
Antimony oxide	1309-64-4	215-175-0	<2	Xn: R40
Carbon black	1333-86-4	215-609-9	<1	None

### 4. FIRST AID MEASURES

**Skin Contact:** Wash affected area with soap and water. If irritation develops seek medical attention.

**Eye Contact:** Flush eyes with water. If irritation persists seek medical attention.

**Inhalation:** Remove to fresh air.

**Ingestion:** Do not induce vomiting. Seek medical attention.

### 5. FIRE AND IGNITION INFORMATION

**Flash Point:** Not applicable.

**Explosion Limits in Air – Upper (%):** Not applicable.

**Explosion Limits in Air – Lower (%):** Not applicable.

**OSHA Flammability Classification:** Not applicable.

**Auto-ignition Temperature:** Not established.

**Extinguishing Media:** Use media suitable for surrounding fire, such as dry chemical, carbon dioxide or foam.

**Special Protective Equipment for Firefighters:** Fire fighters should wear full protective gear including self contained breathing apparatus.

**Specific Hazards:** No data available.

**Hazardous Decomposition and/or Combustion Products:** May generate HCL, carbon monoxide and carbon dioxide.

**Risk of Dust Explosion:** Not applicable.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Wear suitable protective equipment.

**Methods for Cleaning Up:** Sweep dried material into suitable container for disposal.

**Environmental Precautions:** Dispose of in accordance with all applicable regulations.

### 7. HANDLING AND STORAGE

**Handling:** Wear suitable protective equipment.

**Storage:** Applied on part material may be stored indefinitely. Do not store for prolonged periods at elevated temperatures greater than 130°F or below 32°F.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE LIMITS

Exposure limits for those components with limits are stated below.

None.

**ENGINEERING CONTROLS**

Work in a well ventilated area.

**PERSONAL PROTECTIVE EQUIPMENT**

**Respiratory Protection:** Not normally required. If local exhaust ventilation is insufficient to remove vapors when heating parts during processing respiratory protection may be required. If so, use NIOSH approved respiratory protection per 29CFR1910.134

**Hand Protection:** Wear rubber, nitrile or neoprene.

**Eye Protection:** Wear safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing to avoid prolonged skin contact.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Malleable solid.

**Odor:** Various colors available.

**pH** Not applicable.

**Vapor Pressure:** Not applicable.

**Boiling Point/Range:** Not applicable.

**Melting Point/Range:** Not established.

**Water Solubility:** Insoluble.

**Specific Gravity:** Not established.

**% Volatile (by Volume):** Not established.

**Evaporation Rate:** Not applicable.

**Viscosity:** Not applicable.

**10. STABILITY AND REACTIVITY**

**Stability:** Stable.

**Hazardous Polymerization:** Will not occur.

**Mechanical Sensitivity (shock):** None.

**Conditions to Avoid:** Strong oxidizers.

**Static Discharge Effects:** Not applicable.

**11. TOXICOLOGICAL INFORMATION**

**ACUTE TOXICITY**

**Oral LD50:** No data available.

**Inhalation LC50:** No data available.

**Dermal LC50:** No data available.

**Eye Irritation:** No data available.

**Skin Irritation:** No data available.

**CHRONIC TOXICITY**

**Carcinogenic Effects:** No data available.

**Mutagenic Effects:** No data available.

**Reproductive Toxicity:** No data available.

**Sensitizing Effects:** No data available.

**Synergistic Materials:** No data available.

**12. ECOLOGICAL INFORMATION**

*Information given is based on data on the components and the toxicology of similar products.*

**Aquatic Toxicity:** No data available.

**ENVIRONMENTAL FATE**

**Mobility:** No data available.

**Bioaccumulation:** No data available.

**Persistence / Degradability:** No data available.

**Distribution to Environmental  
Compartments:**

No data available.

**13. DISPOSAL CONSIDERATIONS**

**Disclaimer:** Information in this section pertains to the product as shipped in its intended composition as described in Section 2 of this MSDS. Contamination or processing may change waste characteristics and requirements. Regulations may also apply to empty containers, liners or rinsate. State/provincial and local regulations may be different from federal regulations.

**RCRA Classification (40 CFR 261):** Dispose of in accordance with all applicable state, local and federal regulations.

**14. TRANSPORTATION INFORMATION**

**DOT:** Not regulated.

**15. REGULATORY INFORMATION**

**International Inventories**

**All components of this product are listed on or exempt from the following inventories:**

- (yes) - European Inventory of Existing Commercial Substances (EINECS)
- (yes) - United States Toxic Substances Control Act (TSCA) Inventory

**U.S. Federal Regulations**

**TSCA 12(b) Export Notification:** None.

**Clean Air Act amendments of 1990 (CAA, Section 11240: CFR 82):** None.

**Clean Water Act (CWA, 40 CFR 116):** None.

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, 40 CFR 302):** Antimony oxide 1000 lbs.

**Superfund Amendments and Reauthorization Act, Title III (SARA):**

**SARA Section 302 (40 CFR 355) Extremely Hazardous Substances:** None.

**SARA Section 311/312 (40 CFR 370) Hazard Category:** None.

**SARA Section 313 (40 CFR 372) Toxics Release Inventory:** Antimony oxide <2%.

**U.S. State Regulations**

**California Proposition 65:** This product contains or may contain chemical(s) known to the State of California to cause cancer, birth defects or other reproductive harm.

**16. OTHER INFORMATION**

**HMIS Rating**

**HMIS Index:** \*- chronic, 0 – Minimal, 1 – slight, 2- moderate, 3 – serious, 4 –severe

**Health: 1**

**Flammability: 0**

**Physical Hazard: 0**

**Additional Contacts:**

**Prepared by:** ND Industries, Inc. – Safety, Health and Environmental Affairs  
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