

# MATERIAL SAFETY DATA SHEET

## Honda Touch-Up Lacquer

Date of Preparation: March 7, 2001

### Section 1 - Product Information

**Manufacturer:** Bondo Corporation  
3700 Atlanta Industrial Parkway NW  
Atlanta, GA 30331

**Emergency Telephone:** For US transportation emergencies call - Chemtrec: 800-424-9300  
For Canadian transportation emergencies call - Canutec: 613-996-6666

**Information:** 770-441-8628 (USA 7:30am – 4:30pm Eastern Time) Product Use: Touch-up paint

**Stock Number:** All numbers

### Emergency Overview

**Signs of Overexposure:** Nausea, cough, headache, dermatitis, redness and/or pain in eyes.

**Emergency First Aid:** Move to fresh air, remove contaminated clothing, wash effected skin with soap and water, do not use solvents or thinners; if product gets into eyes, remove contact lenses, flush with water for 15 minutes.

**Handling:** If handling in a confined space wear an organic vapor cartridge respirator (NIOSH / OSHA). For application, wear solvent resistant gloves and safety eye protection designed to guard against liquid splashes. Close all containers tightly after use. Do not eat, drink or smoke in work areas.

**Material Physical Appearance:** Liquid

**Other Precautions:** Vapors are heavier than air and may travel along floors. Material has an offensive odor. Prolonged exposure may reduce the user's sensitivity to the odor, thus reducing the effectiveness of odor as a warning against exposure.

**Fire Fighting:** Due to the size of the containers, this is not expected to be an issue.

**NFPA Flammability:** IB

Bondo Corporation has no oversight with respect to the guidance practices or policies or manufacturing processes of other companies handling or using this material. The information given in this MSDS is only related to the product as shipped in its original condition as described in Section 2, "Hazardous Ingredients" and Section 9 "Physical and Chemical Properties".

### Section 2 - Hazardous Ingredients

Hazardous Ingredient	Percent weight	CAS No.	Vapor Press.	ACGIH TLV	OSHA PEL	LD <sub>50</sub> Oral	LD <sub>50</sub> Derm	LC <sub>50</sub> Inhal	LEL
Propylene Glycol Methyl Ether Acetate	30-45%	108-65-6	3.4	100ppm	n. av.	8532	5000	n. av.	1.5
Toluene	20-30%	108-88-3	22.0	50ppm	200ppm	636	12305	8000	1.1
Ethylene Glycol Monobutyl Ether	0-5%	111-76-2	0.6	20ppm	50ppm	470	220	450	1.1
Light Aromatic Naphtha	0-5%	000	n. av.	n. av.	n. av.	n. av.	n. av.	n. av.	n. av.

LD<sub>50</sub> Oral - rat mg/m<sup>3</sup>, LD<sub>50</sub> Dermal - rabbit mg/m<sup>3</sup>, LC<sub>50</sub> Inhalation - rat mg/m<sup>3</sup> unless otherwise specified.

### Section 3 – Hazards Identification

**Primary Routes of Entry:** Inhalation, skin contact, ingestion, eyes.

**Exposure Effects Acute and Chronic:**

**Inhalation:** Acute: Nasal and respiratory irritation, nausea, cough, shortness of breath, dehydration, allergic respiratory reaction, tiredness, dizziness, weakness, headache, anesthesia, drowsiness, fatigue, chest pain, vomiting, central nervous system effects.

**Skin contact:** Acute: Extraction of natural oils with resulting dry skin, irritation, allergic skin reactions, redness and dermatitis. Ethylene glycol monobutyl ether can pass through the skin into the bloodstream.

**Eye contact:** Acute: Irritation, redness, pain, tearing, blurred vision, sensation of seeing halos around lights and reversible damage.

**Ingestion:** Acute: Gastrointestinal irritation, nausea, vomiting, diarrhea, weakness, headache, dizziness, drowsiness, fatigue, lack of coordination, central nervous system effects, depression.

**Chronic:** Repeated overexposure to this product may cause: central nervous system damage, kidney damage, liver abnormalities, lung damage, cardiac abnormalities, reproductive organ damage, blood effects, eye damage.

**Other Health Effects:**

Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage.

#### **Section 4 – First Aid Measures**

**Emergency and First Aid Procedures:** In all cases if symptoms persist, seek medical attention.

**Inhalation** - move to fresh air, give artificial respiration if necessary.

**Skin contact** - remove contaminated clothing, wash with soap and water or recognized skin cleaner. Do not use solvents or thinners.

**Eye contact** - contact lenses must be removed, flush with water for at least 15 minutes, consult a physician immediately.

**Ingestion** - drink one or two glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center immediately. Treat symptomatically

**Medical Conditions Prone to Aggravation:** pulmonary conditions, skin disorders, liver conditions, kidney conditions, neurological disorders, pregnancy.

#### **Section 5 – Fire Fighting Measures**

**Flash Point (SFCC):** 45F (6C)

**Lower Explosive Limit:** 1.0

**NFPA Flammability:** 1 B

**Extinguishing Media:** foam, carbon dioxide, dry chemical or water fog or spray. Water jet or stream is unsuitable.

**Unusual Fire and Explosion Hazards:** Invisible vapors may travel to source of ignition and flash back. Since vapors are heavier than air, dangerous concentrations may not be apparent to casual observation. Keep containers tightly closed, isolate from heat, electrical equipment, sparks and open flame. Closed containers may explode when exposed to extreme heat. Fire will produce dense black smoke containing hazardous products of combustion. Symptoms may not be immediately apparent. Obtain medical attention.

**Special Fire Fighting Procedures:** Water should be used to cool containers exposed to fire. Fire fighting personnel should wear self-contained breathing apparatus.

#### **Section 6 – Accidental Release**

**Steps To Be Taken In Case Material Is Released Or Spilled:** Remove all sources of ignition. Avoid breathing vapors, ventilate confined area.

#### **Section 7 – Handling and Storage**

**Precautions To Be Taken In Handling And Storing:** No smoking. Store containers out of sun and away from heat, sparks, and open flames. Close all containers after each use. Consult NFPA and local codes for additional storage requirements.

**Hygienic Practices:** Do not eat, drink or smoke in work areas. Wash hands before eating, smoking, or using the washroom. Launder clothing before reuse.

**Other Precautions:** Vapors are heavier than air and may travel along floors. Do not take internally. Observe label precautions. Keep closures tight and container upright to prevent leakage. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by regulations. Material has an offensive odor.

#### **Section 8 – Exposure Controls**

**Primary Routes of Entry:** Inhalation, skin contact, ingestion, eyes.

**Respiratory Protection:** Wear a NIOSH/MSHA approved respirator device in confined areas. See safety equipment supplier for evaluation and recommendation.

**Ventilation:** Provide sufficient ventilation to keep vapor concentration below the given TLV and/or PEL.

**Protective Gloves:** Required for prolonged or repeated contact. Use solvent resistant gloves. Barrier creams are not substitutes for full physical protection. Refer to safety equipment supplier for effective glove recommendations.

**Eye Protection:** Use safety eye protection.

#### **Section 9 – Physical and Chemical Properties**

**Evaporation Rate:** Slower than ether

**Vapor Density:** Heavier than air

**Vapor Pressure:** 22 mm Hg @20C

**Weight per Gallon (Specific Gravity):** 8.0±0.3 (0.96±0.04)

**Physical state:** Liquid

**Odor and Appearance:** organic odor

Freezing point, Coefficient of water/oil distribution ,pH: Not applicable or not available

### Section 10 – Stability and Reactivity

**Stability:** Stable

**Incompatibility** (materials to avoid): Oxidizers, alkali metals, nitric acid, sodium hydroxide.

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Heat, open flame, sparks.

**Hazardous Combustion Products:** Oxides of carbon and nitrogen, various hydrocarbons, fumes.

### Section 11 - Toxicological Information

**Carcinogenicity** (risk of cancer): None known

**Sensitization** (effects of repeated exposure): These products may cause inhalation sensitization to certain individuals.

**Teratogenicity** (risk of malformation in an unborn fetus): None Known

**Reproductive Toxicity** (risk of sterility): None Known

**Mutagenicity** (risk of heritable genetic effects): Mutation data is available for toluene

**Threshold Limit Value:** None established for this product. For further information, see Section 9 - Hazardous Ingredients

### Section 12 - Ecological Information

**General Information:** Avoid runoff into ground, storms or sewer which lead into waterways. Water runoff can cause environmental damage.

**Environmental Impact Data:**

There are extensive ecological data available on the various components of these products. An adequate representation of all these data is beyond the scope of this document. Please contact the information phone number found in Section 1.

### Section 13 – Disposal Information

**Waste Disposal Method:** Dispose of in accordance with federal, state or provincial and local pollution requirements.

Clean preferably with a detergent, avoid the use of solvents.

**Other Information:** When large amounts are discarded in its supplied form, this product meets the hazard criteria of “ignitability” and must be considered as hazardous waste D001.

### Section 14 – Transportation Information

**Ground Shipments:** Consumer Commodity ORM-D

### Section 15 - Regulatory Information

**OSHA:** These products are considered hazardous under the Federal OSHA Hazard Communication Standard.

**WHMIS:** B2;D1A;D2A

**SARA Title III:**

*Section 311 / 312 Hazard Categories:* Immediate health, delayed health, fire hazard.

*Section 313 Toxic Chemicals:* toluene, ethylene glycol monobutyl ether. You may be required to submit this MSDS to state and local emergency response agencies (SERC & LEPC) and to your local fire department.

**TSCA status:** All ingredients are TSCA registered.

**Proposition 65: WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

NFPA 704: Health 2, Fire 3, Reactivity 0

### Section 16 - Preparation Information

Prepared by Bondo Corporation Research and Development Department

Phone: 404-696-2730

Do not handle until the manufacturer's safety precautions have been read and understood. Regulations require that all employees be trained on Material Safety Data Sheets for all products with which they come in contact.

While Bondo Corporation believes that the data contained herein are accurate and derived from qualified sources, the data are not to be taken as a warranty or representation for which Bondo Corporation assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data and information must be determined by the user to be in accordance with applicable federal, state, provincial and local laws and regulations.