

Material Safety Data Sheet

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product identifier: Dura Edge Finish
Product Use: Leather Care
Manufacturer's Name: Fiebing Company, Inc
Street Address: 516 South Second Street
City: Milwaukee **State/Province:** Wisconsin
Postal Code: 53204
Emergency telephone: 800 424 9300

Effective date: 9.22.2010
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SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Ingredients (Specific)</u>	<u>%</u>	<u>CAS#</u>	<u>LD50 (Oral)</u>	<u>LC50</u>
Polyurethane Copolymer	10 – 30	Proprietary	No data	No data
Polyurethane resin	0.5 – 1	Proprietary	5000 mg/kg (rat)	No data
Enzymatically modified starch	0.1 – 0.2	Non hazardous	No data	No data
N-Methyl-2-Pyrrolidone	1 - 5	872-50-4	No data	No data
Triethylamine	0.5 – 3	121-44-8	No data	No data
Carbon Black	0.1 – 1.0	1333-86-4	15400 mg/kg	No data
C.I. Pigment Brown 7:X	1 – 3	12713-03-0	No data	No data
Water	56.8 - 86.8	7732-18-5	No data	No data

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May cause central nervous system effects and allergic skin reactions. May cause eye, skin and respiratory tract irritation.

Existing Conditions Aggravated by Exposure: Eye, skin and respiratory disorders.

WHMIS Symbols: Not determined

POTENTIAL HEALTH EFFECTS:

Route of Entry: Eye, Skin, Ingestion and Inhalation.

Eye contact: May cause eye irritation on direct contact.

Skin Contact: May cause severe irritation due to defatting of skin. May cause allergic skin reaction in susceptible individuals.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: May cause central nervous system effects, such as headache, nausea, vomiting, abdominal pain, dizziness, confusion and breathing difficulties. May cause irritation to nose and throat.

SECTION 4 – FIRST AID MEASURES

Eye contact: Flush eyes immediately with large amounts of water for at least 15 minutes. Do not remove contact lenses, if worn. Obtain medical attention immediately, preferably from an ophthalmologist.

Skin Contact: Flush skin with plenty of water while removing contaminated clothing and shoes. Do not reuse clothing or shoes until cleaned. If irritation develops or persists, get medical attention. Wash with soap and water.

Ingestion: If swallowed, call a physician immediately. Never give anything by mouth to an unconscious person. If unconscious and vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

Inhalation: Move to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABLE: Yes

EXTINGUISHING MEDIA: Use foam, dry chemical or water spray to extinguish fire.

Flash Point: > 200 Deg.F

Upper Flammable Limit: Not determined

Lower Flammable Limit: Not determined

Method used: Estimated from ingredients.

Autoignition Temperature: Not determined

Explosion data:

Sensitivity to impact: Non-explosive on impact.

Sensitivity to static discharge: Not applicable

Hazardous Combustion Products: May produce oxides of Carbon and Amine.

NFPA:	Health:	2
	Flammability:	1
	Reactivity:	0

SPECIAL FIREFIGHTING PROCEDURES: Keep unnecessary personnel away. Fire fighter should wear positive pressure self-contained breathing apparatus (SCBA).

UNUSUAL FIRE OR EXPLOSION HAZARDS: This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a slight fire hazard.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

LEAK & SPILL PROCEDURES: Prevent additional discharge of material, if possible to do so without hazard. Using absorbent clothes, remove and place the solid spill in designated containers. Do not allow material to contaminate ground water system. Do not allow product to enter sewer or waterways.

DISPOSAL METHOD: Keep unnecessary personnel away. Ensure adequate ventilation. Wear appropriate protective equipment and clothing during cleanup. Dispose of in accordance with Federal, State and Local regulations.

SECTION 7 – HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep containers closed. Handle and open containers with care. Empty product containers may contain product residue. Do not reuse empty containers without commercial cleaning or reconditioning.

STORAGE REQUIREMENT: Store in a cool, well ventilated place away from incompatible materials. Protect from freezing.

SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

EXPOSURE LIMITS:

<u>Hazardous Components</u>	<u>ACHIH TLV</u>	<u>OSHA PEL</u>	<u>AIAH WEEL</u>	<u>OTHER</u>
Polyurethane Copolymer	None	None	None	None
N-Methyl-2-pyrrolidone	None	None	10 ppm (40 mg/m3) TWA (Skin)	None
Triethylamine	1 ppm TWA 3 ppm STEL (Skin)	25 ppm 100 mg/m3 TWA	None	None

SPECIFIC ENGINEERING CONTROLS:

Ventilation: Work should be done in an adequately ventilated area (i.e. ventilation sufficient to maintain concentrations below one half of the PEL and other relevant standards). Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination.

PERSONAL PROTECTIVE EQUIPMENT:

Eye Protection: Safety goggles or safety glasses with side shields. Full face protection is used if potential for splashing or spraying or product exists.

Skin Protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Wear suitable protective clothing.

Respiratory Protection: Use NIOSH approved respirator if there is potential to exceed exposure limits. Observe OSHA regulations for respiratory use (29 CFR 1910.134).

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Thick liquid
ODOR & APPEARANCE: Slight Odor; Black, Brown and Natural

SPECIFIC GRAVITY:	1.02 – 1.04
VAPOR DENSITY:	Heavier than air
VAPOR PRESSURE:	Not determined
EVAPORATION RATE:	Slower than diethyl ether
BOILING POINT deg.C:	Not determined
FREEZING POINT:	Not determined
PH:	8.0 – 9.0
COEFFICIENT OF WATER/	Not determined
OIL DISTRIBUTION	
SOLUBLITY IN WATER:	Not determined
VISCOSITY:	Not determined
TOTAL VOC CONTENT:	112 g/l (Neutral)
	80 g/L (Other Colors)

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of storage and use.

CONDITIONS TO AVOID: Freezing conditions.

INCOMPATIBILITY: Acids and bases.

REACTIVITY: None

HAZARDOUS DECOMPOSITION PRODUCTS: On combustion may produce oxides of Carbon, Nitrogen and Amines.

SECTION 11 – TOXICOLOGICAL INFORMATION

EFFECTS OF ACUTE EXPOSURE: See Section 3 for Potential Health Effects.

EFFECTS OF CHRONIC EXPOSURE: Not known

Irritancy of product: Only on direct contact.

Skin sensitization: No data available

Respiratory sensitization: No data available

Carcinogenicity: This product does not contain greater than 0.1% of the known or potential carcinogens listed in NTP, IARC, or OSHA.

Reproductive toxicity: No data available

Tetragenicity: No data available

Embryotoxicity: No data available

Mutagenicity: No data available

Name of synergistic products/Effect: None available

<u>Hazardous Components</u>	<u>NTP Carcinogens</u>	<u>IARC Carcinogens</u>	<u>OSHA Carcinogens</u>
Polyurethane Copolymer	No	No	No
N-Methyl-2-pyrrolidone	No	No	No
Triethylamine	No	No	No

<u>Hazardous Components</u>	<u>Health Effects / Target Organs</u>
Polyurethane Copolymer	No Data

N-Methyl-2-pyrrolidone	Blood, Bone Marrow, Central Nervous System, Immune System, Irritant, Lung.
Triethylamine	Allergen, Blood, Central Nervous System, Corrosive, Eyes, Heart, Irritant, Kidney, Liver, Nervous System, Respiratory.

SECTION 12 – ECOLOGICAL INFORMATION

AQUATIC TOXICITY: No data available

SECTION 13 – DISPOSAL CONSIDERATION

WASTE DISPOSAL: Dispose of in accordance with Federal, State and Local Regulations.

RECOMMENDED METHOD OF DISPOSAL: Legal disposition of wastes is the responsibility if the owner/generator of the waste. Applicable federal, state and/or local regulations must be followed during treatment, storage, or disposal or waste containing this product.

HAZARDOUS WASTE NUMBER: To the best of our knowledge, this product is not listed nor does it meet the criteria of a hazardous waste if discarded in its purchased form. However, under RCRA, it is responsibility of the user to determine at the time of disposal whether a product meets any of the RCRA hazardous waste criteria. This is because product uses, transformations, mixtures, processes, etc. may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics under the new Toxicity Characteristics Leaching Procedure (TCLP) 40 Code of Federal Regulations 261.20-24.

SECTION 14 – TRANSPORT INFORMATION

SPECIAL SHIPPING INFORMATION: None

TOG: No information available

IMO: No information available

PIN: Not available

DOT: Not regulated by DOT

ICAO: No information available

US Department of Transportation Ground (49 CFR):

Proper Shipping Name: Not regulated

Hazard Class or Division: None

Identification Number: None

Packing Group: None

International Air Transportation (ICAO/IATA):

Proper Shipping Name: Not regulated

Hazard Class or Division: None

Identification Number: None

Packing Group: None

Water Transportation (IMO/IMDG):

Proper Shipping Name: Not regulated

Hazard Class or Division: None
Identification Number: None
Packing Group: None

SECTION 15 – REGULATORY INFORMATION

WHMIS CLASSIFICATION: D.2.B
OSHA: See Section 8

UNITED STATES REGULATORY INFORMATION:

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.

TSCA 12 (b) Export Notification: None above reporting de minimus.

CERCLA/SARA Section 302 EHS: None above reporting de minimus.

CERCLA/SARA Section 311/312: Immediate Health, Delayed Health.

CERCLA/SARA Section 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372), N-Methyl-2-Pyrrolidone (CAS # 872-50-4), Triethylamine (CAS # 121-44-8).

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

CANADA REGULATORY INFORMATION:

CEPA DSL / NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

SECTION 16 – OTHER INFORMATION

INFORMATION ON INTENDED USE:

The data in this Material Safety Data Sheet relates only to the specific material designed and does not relate to its use in combination with any other material or process. The data contained is believed to be correct. However, since conditions of use are outside our control, it should not be taken as a warranty or representation for which Fiebing Company, Inc. assumes legal responsibility. This information is provided solely for your consideration, investigation, and verification.