



**SAFETY DATA SHEET**  
**DURA-LAR FILM**

GRX1237  
June 19, 2014  
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**1. Identification of the Preparation and of The Company**

Product Name and/or code: Dura-Lar<sup>®</sup> Film  
Effective Date: 6/19/2014  
Manufacturer: Grafix Inc.  
5800 Pennsylvania Ave.  
Maple Heights, OH 44137 US  
Information Contact: 216-581-9050 ; www.grafixarts.com  
Emergency Contact: 216-581-9050.  
Product Use: Art material and Industrial use  
Dura-Lar<sup>®</sup>Films : Clear Dura-Lar<sup>®</sup>  
Matte Dura-Lar<sup>®</sup>  
Wet Media Dura-Lar<sup>®</sup>  
Metallized Dura-Lar<sup>®</sup>  
Adhesive Backed Dura-Lar<sup>®</sup>

**2. Hazards Identification**

*Classification of the Product:* Non-Hazardous  
Regulation (EC) No. 1272/2008 Not classified as dangerous for supply/use.  
Directive 67/548/EEC & Directive 1999/45/EC Not classified as dangerous for supply/use.  
Export and Import of Dangerous Chemicals Regulation This product and its ingredients are not listed in the Annex I of the regulation.  
*Label Elements* No special requirements are applicable.  
Precaution Statement: No special requirements are applicable.  
First Aid Statement Refer to Section 4  
Children's Statement None required.  
Information pertaining to particular dangers for man and environment. This product has not been classified as dangerous according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

**3. Composition/Information on Ingredients:**

**Substances:** Mixture  
Mixture of the following chemicals: Proprietary Ingredients  
*Risk and Safety Phrases:*  
Ingredients are marked according to CLP Regulation (CLP-Regulation (EC) No 1272/2008) and according to DSD (Dangerous Substances Directive (67/548/EEC)) and DPD (Dangerous Preparations Directive (1999/45/EC)) and no workplace-related occupational exposure limits are specified for any of the listed ingredients. These ingredients are regarded as trade secrets.

**4. First Aid Measures**

Inhalation If affected, remove to fresh air.  
Skin Contact If skin has contact with molten material, place affected area under cold running water. Seek medical attention for removal of material from the affected area.  
Eye Contact If eyes have contact with molten material, rinse with plenty of water and seek immediate medical attention. If plastic fines enter the eye, rinse with water for 15 minutes and if irritation develops seek immediate medical attention if irritation develops.



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<b>5. Firefighting Measures</b>	
Extinguishing Media	Water, foam, carbon dioxide or dry chemical equipment.
Flashpoint/Flammability	Films can be combusted only by remaining in contact with flame. If flame source is stationary, the film will shrink away and self-extinguish. Film remaining in contact with flame can continue to burn slowly, dropping flaming liquid which can spread the fire.
<b>6. Accidental Release Measures</b>	
Environmental precautions	None.
Methods and Materials for Containment and Cleaning up	Not applicable to this kind of material.
<b>7. Handling and Storage</b>	
Safe Handling	Avoid extremes in high temperatures that may cause melting of the product.
Storage	Store away from heat and sources of ignition. Do not store in direct sunlight. Avoid prolonged storage in high or low temperatures. Recommended storage temperatures are 20 F to 100 F (-7°C to 38°C)
<b>8. Exposure Controls/Personal Protection</b>	
Personal Protective Equipment	Avoid contact with molten material on the skin, eyes and clothing. Handle product with good industrial hygiene and safety practices.
Exposure Limits	None known.
Respiratory and Ventilation	Provide adequate ventilation.
Skin Protection	Wearing gloves may be required due to sharp edges and when film is in the molten phase.
Eye Protection	Safety glasses are recommended.
<b>9. Physical and Chemical Properties</b>	
Appearance	Solid film (clear, glossy, translucent)
Physical State	Solid
Color	Clear or metallic
Odor	Neutral
Boiling Point	Not applicable
Melting Point	> 212 F
Freezing Point	Not available
State (pH)	Not applicable
Specific Gravity	>1 (Specific Gravity for water is 1)
Viscosity	Not Known
Flashpoint	Not available
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Solubility in water	Not soluble
<b>10. Stability and Reactivity</b>	
Reactivity:	Not expected to be reactive.
Chemical Stability	Product is stable in typical situation and environment.
Conditions to Avoid	Avoid extremes in high temperatures that may cause melting of the product.



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Incompatible materials	Very reactive chemicals (strong acids)
Hazardous Decomposition	Carbon monoxide, carbon dioxide and various hydrocarbons.
<b>11. Toxicological Information</b>	
Health Effects	No specific acute health effects and no chronic health effects have been seen or are expected.
<b>12. Ecological Information</b>	
Toxicity:	Not expected to be harmful to the environment.
Aquatic toxicity	No information available.
Persistence and degradability	Not biodegradable.
Bio accumulative potential	No information available.
Mobility in soil	No information available.
Additional ecological information	No information available.
<b>13. Disposal Considerations</b>	
Dispose of all waste material in accordance with all applicable federal, state and local regulations for the disposal of aqueous polymer wastes.	
<b>14. Transport Information</b>	
UN-NUMBER	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
UN proper shipping name	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
Transport hazard class(es)	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
Class	Not applicable
Label	Not applicable
Packing Group	Not applicable
DOT, ADR, IMDG, IATA	Not applicable
Environmental Hazards	Not applicable
Special precautions for user	Not applicable
Transport in bulk according to Annex II of Marpol73/878 and the IBC Code.	Not applicable
<b>15. Regulatory Information</b>	
Safety, health and environmental regulations/legislation specific for the substance or mixture.	
SARA	Not applicable.
Section 355 (extremely hazardous substances)	
Section 313 (Specific toxic chemical listing)	
TSCA (Toxic Substance Control Act)	All ingredients are listed.
<i>Proposition 65</i>	
Chemicals known to cause cancer	None of the ingredients are listed
Chemicals known to cause reproductive toxicity for females	None of the ingredients are listed
Chemicals known to cause reproductive toxicity for males	None of the ingredients are listed
Chemicals known to cause developmental toxicity	None of the ingredients are listed
Carcinogenicity categories	
EPA (Environmental Protection Agency)	None.



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TLV (Threshold Limit Value established by ACGIH)	None.
MAK (German Maximum Workplace Concentration)	None.
NOISH-Ca (National Institute for Occupational Safety & Health)	None.
OSHA-Ca (Occupational Safety & Health Administration)	None.

**16. Other Information**

Supersedes MSDS	6/18/2014
Reason for Issue:	Comprehensive GHS SDS for product line
Prepared by:	Rudolph J. Jaeger, Ph.D., DABT, ERT (UK) Chief Toxicologist and President ENVIRONMENTAL MEDICINE, INC. 263 CENTER AVENUE WESTWOOD, NJ 07675 jaegerr@envmed.com 201-666-7929 x13

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### 1. Chemical product and Company Identification

**Company Identification** Dixon Ticonderoga Company  
 195 International Parkway  
 Heathrow, FL 32746-5036  
 Telephone: 800-824-9430

**Date prepared:** May 7, 2003  
**Last revised:** July 29, 2009  
**Emergency call:** 800-824-9430

**Product Name** Prang Washable Art Marker (Bullet tip)  
**Product Code(s)** 80613, 80614, 80680.

### 2. Composition/Information On Ingredients

Component	CAS Reg. No	Percent Weight
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Products bearing the CP Certified Products or AP Approved Products seals of the Art and Creative Materials Institute's, Inc. are certified in a program of toxicological evaluation by a medical expert, subject to review by the Institute's Toxicological Advisory Board, to contain no materials in sufficient quantities to be toxic or injurious to humans or cause acute or chronic health problems. **Conforms to ASTM D-4236**

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200)

### 3. Hazards Identification

**Emergency Overview** Not an acute hazard- conforms to ASTM D-4236  
**CAUTION!**  
 Packaging may be subject to ignition by fire and may release toxic or other irritating gases

### 4. First Aid Measures

**Eye Contact** Flush eyes large amounts of water for at least fifteen minutes. Contact physician  
**Skin Contact** Wash skin with soap and water. Seek medical attention in the unlikely event that irritation occurs  
**Ingestion** Unlikely to be toxic by ingestion, but seek medical attention  
**Inhalation** If symptomatic, move to fresh air and seek medical attention

### 5. Fire Fighting Measures

**Extinguishing Media** Carbon dioxide, dry chemical or foam recommended. Apply water to cool exposed closed containers  
**Special Fire Fighting Procedures** Self contained breathing apparatus (SCBA) and full protective equipment recommended  
**Unusual Fire and Explosion Hazards** Packaging may be subject to ignition by fire and may release toxic gases

#### Flammability Data

Flash Point	No data
Flammability limits	No data
Auto-ignition temperature	No data
Dust cloud ignition temperature	No data
Dust layer ignition temperature	No data

HMIS Ratings	
<b>Health</b>	<b>1</b>
<b>Flammability</b>	<b>1</b>
<b>Reactivity</b>	<b>0</b>
<b>Protective Equipment</b>	<b>A</b>

### 6. Accidental Release Measures

**Small spill** Sweep or wipe up material. Place spilled material into appropriate waste containers for disposal  
**Large spill** Sweep or wipe up material. Place spilled material into appropriate waste containers for disposal

### 7. Handling and Storage

**Handling** Contents will stain. The use of smocks and gloves to protect personal clothing is suggested. Wash hands and surface after use.  
**Storing** Do not store near heat or open flame

*Continued on next page*

**8. Exposure Controls/Personal Protection**

<b>Engineering Controls</b>	The use of local ventilation is recommended
<b>Personal protection</b>	No special skin protection required. Wash skin if irritation is experienced. Eye protection is recommended

**9. Physical and Chemical Properties**

<b>Physical State</b>	Solid
<b>Appearance</b>	Ink filled plastic barreled fiber tip marker
<b>Color</b>	Various colors
<b>Odor</b>	Slight solvent
<b>pH</b>	No data
<b>Specific gravity</b>	No data
<b>Boiling point</b>	No data
<b>Freezing/melting point</b>	No data
<b>Evaporation rate</b>	No data
<b>Solubility</b>	No data
<b>Vapor Density</b>	No data

**10. Stability and Reactivity**

<b>General</b>	This product is stable and hazardous polymerization will not occur
<b>Incompatibility</b>	None known
<b>Hazardous decomposition</b>	As with all burning organic matter, carbon monoxide and other toxic fumes may be released

**11. Toxicological Information**

<b>Acute/Chronic Toxicity</b>	Products bearing the CP Certified Products or AP Approved products seals of the Art and Creative
<b>Carcinogenicity</b>	Material's Institute are certified in a program of toxicological evaluation by a medical expert, subject to
<b>Mutagenicity</b>	review by the Institute's Toxicological Advisory Board to contain no materials in sufficient quantities to be toxic or injurious to humans or cause acute or chronic health problems. Conforms to ASTM D-4236

**12. Ecological Information**

This product has not been evaluated for overall environmental effects

**13. Disposal Considerations**

Contain and place in approved container. Dispose of per Local, State, and Federal regulations

**14. Transportation Information**

<b>DOT Classification</b>	Not regulated (US)	<b>UN/NA Number</b>	Not regulated
<b>TDG Classification</b>	Not regulated (Canada)	<b>IMO/IMDG Classification</b>	Not regulated
<b>ADR/RID Classification</b>	Not regulated (Europe)	<b>ICAO/IATA Classification</b>	Not regulated

**15. Regulatory Information**

<b>OSHA Hazard Communication Status</b>	This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200
<b>Toxic Substances Control Act (TSCA) Status</b>	All ingredients of this material has been reported to the US EPA and are included in the TSCA inventory

**16. Other Information**

For further product safety information call 800-824-9430

Validated and Verified by Dixon Ticonderoga Co.  
July 29, 2009

This information contained herein is based on data considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or results obtained from the use thereof. Dixon Ticonderoga company assumes no responsibility for personal damage caused by the product. Users assume all risks associated with use.



# Material Safety Data Sheet

Prang Fine Line Markers

A  COMPANY

## 1. Chemical product and Company Identification

<b>Company Identification:</b> Dixon Ticonderoga Company	<b>Date prepared:</b> 26-Nov-07
195 International Parkway	<b>Last revised:</b> 11-Nov-09
Heathrow, FL 32746-5036	
Telephone: 800-824-9430	<b>Emergency call: 800-824-9430</b>
<b>Product Name:</b> Prang Fine Line Markers	
<b>Product Code(s):</b> 80712, 80714, 80715, 80719	

## 2. Composition/Information On Ingredients

Water, not hazardous dyestuffs and additives

### Contains:

Name	Concentr.(C)	Classification
ETHANEDIOL	9, 5 ≤ C < 12, 5	R22
N° CAS 107-21-1		Xn
N° CE 203-473-3		

## 3. Hazards Identification

None

## 4. First Aid Measures

In case of contact, inhalation or ingestion, the following general measures provided for a first aid shall be taken.

**INHALATION:** Implausible  
**INGESTION:** Seek medical attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person.  
**EYES and SKIN:** Wash with plenty of water; if the irritation persists, seek medical advice

## 5. Fire Fighting Measures

Allow containers to cool in order to avoid product decomposition and generation of substances which might injure for safety reasons. Wear the fire equipment all the time.

## 6. Accidental Release Measures

Limit leakage with earth or inert material. Remove most of the product and then rinse the involved area by jets of water.

## 7. Handling and Storage

Make sure that equipment is available for cooling the vessels, to prevent the danger of overpressure and overheating in the event of fire in the vicinity. Refer to the other sections of this data sheet for information relating to health and environmental risks.

## 8. Exposure Controls/Personal Protection

In order to minimize exposure as far as possible, it is strongly recommended to use adequate individual protective measures such as: masks suitable for the product, goggles, gloves and overalls. Do not eat, drink, or smoke while handling it. Wash hands with soap and water before meals and at the end of the work shift.

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**9. Physical and Chemical Properties**

<b>Colors:</b>	According to the product specifications
<b>Odor:</b>	Typical
<b>Physical State:</b>	Liquid
<b>Solubility in water:</b>	Fully miscible
<b>Viscosity at 25°C:</b>	3-5 cps
<b>Vapour density:</b>	N/A
<b>Self-igniting:</b>	Product is not self igniting
<b>Solvent content:</b>	Organic solvents 9, 5-12, 5% water 80, 0-90, 0%
<b>pH:</b>	7-8
<b>Boiling Point:</b>	100 °C
<b>Flash point:</b>	N/A

**10. Stability and Reactivity**

The product is stable in normal conditions of use and storage. In the event of thermal decomposition or fire, vapors potentially dangerous to health may be released.

**11. Toxicological Information**

According to currently available data, this product has not yet produced health damages. Anyway, it must be handled carefully according to good industrial practices. This preparation may have slight health effects on sensitive people, by inhalation and/or cutaneous absorption and/or contact with eyes and/or ingestion.

**12. Ecological Information**

Use this product according to good working practices. Avoid litter. Inform the competent authorities, should the product reach waterways or sewers or contaminate soil or vegetation.

**13. Disposal Considerations**

If the product is a solid it can be disposed of in a sewer whose typology must be identified according to the criteria.

**14. Transportation Information**

This substance is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

**15. Regulatory Information**

Safety data sheet available upon request for professional users.

Danger labelling under regulations 67/548/CEE and 1999/45/CE and following amendments and adjustments.

Workers exposed to this chemical agent may not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/CE regulation is respected.

**16. Other Information**

Text of -R- phrases quoted in section 2 of the sheet.

R22 HARMFUL IF SWALLOWED.

**For further product safety information call  
800-824-9430**

**Validated and Verified by Dixon Ticonderoga Co.  
Today's Date: 11-Nov-09**

This information contained herein is based on data considered accurate. However no warranty is expressed or implied regarding the accuracy of these data or results obtained from the use thereof. Dixon Ticonderoga company assumes no responsibility for personal damage caused by the product. Users assume all risks associated with use.

