MATERIAL SAFETY DATA SHEET

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER             DATE OF PREPARATION          HMIS CODES
03-949                    29-SEP-07                          Health 2*

PRODUCT NAME
WEATHERSHIELD® Exterior 100% Acrylic Coating, Semi-Gloss, Old Colonial Red

MANUFACTURER'S NAME
DURON
10406 Tucker St.
Beltsville, MD 20705-2297

TELEPHONE NUMBERS and WEBSITES
Product Information
(800) 723-8766         www.duron.com
Regulatory Information
(800) 306-8961         www.paintdocs.com
Medical Emergency
(216) 566-2917
Transportation Emergency for Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)
(800) 424-9300

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT | CAS No. | INGREDIENT          | UNITS | VAPOR PRESSURE
--- | --- | --- | --- | ---
4 | 107-21-1 | Ethylene Glycol  ACGIH TLV 100 mg/m3 CEILING (aerosol) 0.12 mm
OSHA PEL 50 ppm CEILING
| 1 | 1332-58-7 | Kaolin
ACGIH TLV 2 mg/m3 as Resp. Dust
OSHA PEL 10 mg/m3 Total Dust
OSHA PEL 5 mg/m3 Respirable Fraction
| 0.6 | 13463-67-7 | Titanium Dioxide
ACGIH TLV 10 mg/m3 as Dust
OSHA PEL 10 mg/m3 Total Dust
OSHA PEL 5 mg/m3 Respirable Fraction
| 0.2 | 1333-86-4 | Carbon Black
ACGIH TLV 3.5 mg/m3
OSHA PEL 3.5 mg/m3

Section 3 -- HAZARDS IDENTIFICATION

ROUTES OF EXPOSURE
INHALATION of vapor or spray mist.
EYE or SKIN contact with the product, vapor or spray mist.

Continued on page 2
EFFECTS OF OVEREXPOSURE

EYES: Irritation.
SKIN: Prolonged or repeated exposure may cause irritation.
INHALATION: Irritation of the upper respiratory system.
   In a confined area vapors in high concentration may cause headache,
nausea or dizziness.

Prolonged overexposure to solvent ingredients in Section 2 may cause
adverse effects to the liver and urinary systems.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Redness and itching or burning sensation may indicate eye or excessive
skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

May cause allergic skin reaction in susceptible persons or skin
sensitization.

CANCER INFORMATION

For complete discussion of toxicology data refer to Section 11.

Section 4 -- FIRST AID MEASURES

EYES: Flush eyes with large amounts of water for 15 minutes.
   Get medical attention.
SKIN: Wash affected area thoroughly with soap and water.
   Remove contaminated clothing and launder before re-use.
INHALATION: If affected, remove from exposure. Restore breathing.
   Keep warm and quiet.
INGESTION: Do not induce vomiting.
   Get medical attention immediately.

Section 5 -- FIRE FIGHTING MEASURES

FLASH POINT                LEL    UEL
Not Applicable          N.A.    N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when
exposed to extreme heat.

During emergency conditions overexposure to decomposition products may
cause a health hazard. Symptoms may not be immediately apparent. Obtain
medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus
should be used.

Water spray may be ineffective. If water is used, fog nozzles are
preferable. Water may be used to cool closed containers to prevent
pressure build-up and possible autoignition or explosion when exposed to
extreme heat.
Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
- Remove all sources of ignition. Ventilate the area.
- Remove with inert absorbent.

Section 7 -- HANDLING AND STORAGE

STORAGE CATEGORY
Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
- Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally.
- Keep out of the reach of children.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

PRECAUTIONS TO BE TAKEN IN USE
- Use only with adequate ventilation.
- Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.
- Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION
- Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits.

Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
- If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

- When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
- Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
- Wear safety spectacles with unperforated sideshields.

Continued on page 4
Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT WEIGHT 9.60 lb/gal 1149 g/l
SPECIFIC GRAVITY 1.15
BOILING POINT 212 - 500 F 100 - 260 C
MELTING POINT Not Available
VOLATILE VOLUME 70 %
EVAPORATION RATE Slower than ether
VAPOR DENSITY Heavier than air
SOLUBILITY IN WATER N.A.
pH 9.0
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)
1.86 lb/gal 223 g/l Less Water and Federally Exempt Solvents
0.70 lb/gal 83 g/l Emitted VOC

Section 10 -- STABILITY AND REACTIVITY

STABILITY -- Stable
CONDITIONS TO AVOID
None known.
INCOMPATIBILITY
None known.
HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION
Will not occur

Section 11 -- TOXICOLOGICAL INFORMATION

CHRONIC HEALTH HAZARDS
Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.

Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans.

TOXICOLOGY DATA

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<th>Ingredient Name</th>
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<th>LD50</th>
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<th>mg/kg</th>
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Continued on page 5
Section 12 -- ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION
No data available.

Section 13 -- DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD
Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 -- TRANSPORT INFORMATION

US Ground (DOT)
Not Regulated for Transportation.

Canada (TDG)
Not Regulated for Transportation.

IMO
Not Regulated for Transportation.

Section 15 -- REGULATORY INFORMATION

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

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<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
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TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 -- OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.