

MATERIAL SAFETY DATA SHEET

OSHA -174

May be used to comply with OSHA communication standard (29 CFR 1910, 1200).
Consult OSHA standard for specific requirements.

SECTION: 1

| | | |
|--|--------------------------|---|
| MANUFACTURED BY: Address: | EARTH GROUP, INC. | FOR: RELIANCE SUPPLY 1880 N.W. 18 TH Street Pompano Beach, FL 33069 |
| Emergency Phone Number: Telephone No. for Info: | 800-424-9300 | (954) 971 - 9111 |
| PRODUCT NAME: Trade Name: | OX HIDE | |
| Prepared by and Date: | August 15, 2011 | |

SECTION: 2 HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

| CHEMICAL NAME (CAS#) | %by Weight N.E. | Exposure Limits |
|---|-------------------------------|-----------------|
| Cocoamide Propyl Betaine (CAS# 70851-07-9) Ammonium Bifluoride (CAS# 1341-49-4) Oxalic Acid (CAS# 144-62-77) | 2.5mg/m(ASF) Listed in T.S.C. | |

SECTION: 3 PHYSICAL/CHEMICAL CHARACTERISTICS

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| Boiling Point: 212-°F | Specific Gravity (H2O=1) 1.0 |
| Vapor Pressure (mm Hg): 760mm Hg | Melting Point: |
| Vapor Density (air=1) 0.7 | Evaporation Rate (butyl acetate=1) To Water |
| Solubility in water: Complete | % Volatile by volume: 85-90 |
| Appearance and Odor: Thin, Clear, Colorless Liquid w/Slight Slight Acid Odor | pH: 1.5-3.0 |

SECTION: 4 FIRE AND EXPLOSION HAZARD DATA

| | |
|---|--------------------------|
| Flash Point: None (TOC) | Flammability limits: N/A |
| Extinguishing media: Water, CO2, Dry Chemical, Foam | |
| Special fire fighting procedure: | |
| Unusual fire/explosion hazard: Fumes from heated material are highly corrosive to tissue and toxic. Wear Protective clothing and Self Contained Breathing Apparatus. | |

PRODUCT NAME: OX HIDE

SECTION: 5 REACTIVITY DATA

Stability: Stable - Hydrogen Fluoride Gas dissolved in water will leave solutions on standing

Conditions to avoid: any elevated temperatures

Incompatibility: All alkalis, reducing agents, and reducible organics

Hazardous decomposition: Hydrogen fluoride and other materials varying by contact.

Hazardous polymerization: Will not occur.

Conditions to avoid: High temperatures

SECTION: 6 HEALTH HAZARD DATA

Effects of over exposure: May cause severe burns to skin and eyes, may cause severe burns to mucous membranes if inhaled and may cause severe burns to lungs. If ingested may cause severe burns to gastrointestinal system. Effects may not be immediate.

Conditions aggravated by exposure: Osteoporosis

EMERGENCY AND FIRST AID PROCEDURES:

Skin: Immediately remove all contaminated cloths and shoes. Thoroughly flush affected areas for not less than 15 minutes with water. Get immediate medical aid.

Eyes: Immediately flush eyes with water for at least 15 minutes. Speed in first aid to eyes may save sight. Get immediate medical aid.

Inhalation: Immediately move patient to fresh air. If conscious, get medical aid. If unconscious, give artificial respiration and get medical aid.

Ingestion: DO NOT INDUCE VOMITING. If patient is conscious, give milk, egg white, gelatin solution, antacid tablets or liquid, or if none of these are available, give water. Get to medical aid immediately.

SECTION: 7 PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled: For small spills, if possible neutralize with sodium bicarbonate, sodium carbonate (soda ash) or other safe carbonate. Recontainerize by mopping, wet vacuum, or by using a suitable absorbent.

Waste Disposal Method: Consult local environmental authorities for disposal information according to federal, state and local regulations.

Precautions to be taken in handling and storing: Store between 34° to 120°F

Other Precautions:

KEEP OUT OF REACH OF CHILDREN.

For sale to, use and storage by service personnel only

PRODUCT NAME: OX HIDE

SECTION: 8 CONTROL MEASURES

RESPIRATORY PROTECTION: Approved NIOSH Respirator

VENTILATION: Mechanical to reduce flames below PEL

EYE PROTECTION: Chemical goggles and full face shield

OTHER PROTECTION EQUIPMENT: Rubber Boots and full acid suit.

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Prepared by: _____