

FKEF

SANFORD CORPORATION
2740 WASHINGTON BLVD.
BELLWOOD, IL. 60104

EMERGENCY TELEPHONE NUMBER: 312 547-6550

LATEST REVISION DATE: March, 1986

SECTION I PRODUCT IDENTIFICATION

SANFORD PRODUCT NAME: CLARIDGE WHITE BOARD CLEANER

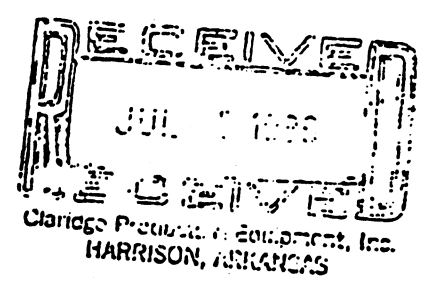
INK NAME: Expo Cleaner
CHEMICAL FAMILY: Mixture
FORMULA: Proprietary

SECTION II INGREDIENTS

INGREDIENT	PERCENT BY WEIGHT
Water	
Isopropanol	40 - 70
Ethylene glycol monobutyl ether	10 - 40
	10 - 40

SECTION III PHYSICAL DATA

BOILING POINT (°F): 180 - 373
VAPOR PRESSURE (mmHg): 33 at 20°C for isopropanol
VAPOR DENSITY (Air = 1): 1.0 - 4.1
SPECIFIC GRAVITY: 0.95 - 0.96
PERCENT VOLATILE BY VOLUME: 100
EVAPORATION RATE: Not available
SOLUBILITY IN WATER: Infinite
APPEARANCE AND ODOR: Clear liquid, mild odor



FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 105°F (TCC)
LOWER EXPLOSION LIMIT: 2.5% for isopropanol
UPPER EXPLOSION LIMIT: Not available
EXTINGUISHING MEDIA: Alcohol foam, dry chemical, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURE: Self-contained breathing apparatus with a full piece operated in pressure-demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Heavier than air vapors which may be ignited by remote ignition sources.

SECTION V HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	PERCENT BY WEIGHT	EXPOSURE LIMIT
Isopropanol	67-63-0	10 - 40	PEL 400 ppm; TLV 400 ppm
Ethylene glycol monobutyl ether	11-76-2	10 - 40	PEL 50 ppm; TLV 25 ppm skin

SECTION VI HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: Not determined; Oral LD₅₀ (rats) greater than 5.0 g/kg

EFFECTS OF OVEREXPOSURE: (Not established but inferred from information supplied for each of the ingredients.)

EYE: Severe irritation, redness, tearing, blurred vision.

SKIN: Moderate irritation, defatting, dermatitis.

INHALATION: Excessive inhalation can cause nasal and respiratory irritation, dizziness, nausea, headache.

INGESTION: Gastrointestinal irritation, nausea, vomiting, and diarrhea.

FIRST AID AND EMERGENCY PROCEDURES FOR OVEREXPOSURE (Based on information supplied for various ingredients.)

EYE CONTACT:

Flush with large amounts of water. Get medical attention.

SKIN CONTACT:

Thoroughly wash with soap and water. Remove and launder contaminated clothing.

INHALATION:

If affected, remove to fresh air. Get medical attention if symptoms persist.

INGESTION:

Give conscious patient two glasses of water and induce vomiting. Get medical attention.

SECTION VIII REACTIVITY DATA

CONDITIONS CONTRIBUTING TO INSTABILITY: Stable

INCOMPATIBILITY: Avoid strong oxidizing agents.

HAZARDOUS REACTIONS AND DECOMPOSITIONS PRODUCTS: None

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: Cannot occur

SECTION IX SPILL OR LEAK PROCEDURES

SPILL OR LEAK PROCEDURES: Absorb in paper or absorbent material and transfer to

WASTE DISPOSAL PROCEDURES: Dry in hood and dispose of absorbent material as solid waste.

SECTION X PERSONAL PROTECTION

EYE PROTECTION: OSHA approved goggles for splash protection.

SKIN PROTECTION: As needed to prevent prolonged skin contact.

RESPIRATORY PROTECTION: If TLV's exceeded use NIOSH/MSHA jointly approved air supplied respirator.

VENTILATION: Local or general to keep exposure below recommended levels.