

**U. S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
MATERIAL SAFETY DATA SHEET**

Section I

SIC #2842  
MANUFACTURER'S NAME  
Shield Packaging Co., Inc.  
Peter St., Webster, MA 01570

ISSUE DATE: Rev: 09/25/2006  
24 HOUR EMERGENCY TELEPHONE NUMBER  
CHEMTREC 1-800-424-9300  
PREPARED BY: R. MCCOLLUM 508-949-0900

CHEMICAL NAME AND SYNONYMS - N/A

TRADE NAME: **210 PLUS SCRATCH REMOVER**  
COMPANY: **SUMNER LABORATORIES**  
SAMPLE #:

CHEMICAL FAMILY - Mixture FORMULA-N/A

HEALTH: FLAMMABILITY: 1 REACTIVITY: 1

Section II - HAZARDOUS INGREDIENTS

CAS #	*Hazardous Components CHEMICAL NAME	COMMON NAME(S)	%	OSHA (PEL)	ACGIH (TLV)	OTHER (LIMITS)
1310-73-2	*Sodium Hydroxide	Caustic Soda	0.10	2.0mg/m <sup>3</sup>	2mg/m <sup>3</sup> ceiling	Not Found

\*Components marked by an asterix are present above the De minimus cut of level and subject to the reporting requirements is Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

Section III- PHYSICAL DATA

BOILING POINT (F): Approximately 212  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 1.10  
VAPOR PRESSURE (mm H): N/A  
VOLATILE BY VOLUME - %: 85%  
VAPOR DENSITY (AIR=1): N/A  
EVAPORATION RATE ( water = 1): 1 for volatile fraction. 0 for non-volatiles.  
APPEARANCE AND ODOR: Milk white, gelatinous paste, essentially odorless.  
SOLUBILITY IN WATER: Slightly soluble. Solids are suspendable.

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT CAS#	METHOD USED	FLAMMABLE LIMITS	LEL%	UEL%
Not less than 160 degrees F. (Based of Flash Point of components)		Not applicable. Product is not expected to support combustion.		

EXTINGUISHING MEDIA: Pertinent to cause of fire only. Product not likely to support combustion.  
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus. Remove uninvolved containers to prevent product loss.  
UNUSUAL FIRE AND EXPLOSION HAZARDS - Floors may be slippery where materials are released. Toxic vapors may be formed from combustion. (See Section VI)

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### Section V - HEALTH HAZARD DATA

ROUTES OF ENTRY:        INHALATION: X        SKIN: X        INGESTION: X

SIGN/SYMPTOMS OF OVEREXPOSURE: Irritation to the mouth, eyes, skin. Burning or drying of the skin.  
Mild to severe irritation of gastro-intestinal tract.

HEALTH HAZARDS: ACUTE/CHRONIC: Irritation, repeated and prolonged exposure to skin may cause drying of skin to chemical burns. -

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May aggravate pre-existing skin disorders.

CARCINOGENICITY:        NTP: Not found        IARC MONOGRAPHS: Not found        OSHA: Not found

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Wash with large amounts of tempered water. If irritation develops or persists consult physician.

SKIN: Wash off with mild soap and water. If irritation develops or persists consult physician.

INGESTION: Do not induce vomiting. Seek immediate medical attention.

INHALATION: Remove to fresh air. If breathing has ceased give artificial respiration. Seek immediate attention. Use oxygen as necessary.

### Section VI REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Strong alkali and high temperatures..

INCOMPATIBILITY (materials to avoid): Caustic (lye), strong alkali's, isocyanates, anhydrides, oxides, and inorganic acids.

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion may produce Carbon Dioxide, Carbon Monoxide, and other unidentified organic compounds.

HAZARDOUS POLYMERIZATION - Will not occur.

### Section VII-SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: Mop or wipe up.

LARGE SPILLS: Ventilate area. Contain liquid and transfer to steel drums. Cap tightly.

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

### Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type):

VENTILATION: Use only in well ventilated area.

LOCAL EXHAUST: As necessary to keep vapor concentrations below TLV's.

MECHANICAL: Preferred in poorly ventilated or confined areas.

PROTECTIVE GLOVES: Disposable where repeated or prolonged contact might occur.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK/HYGIENIC PRACTICES: Wash thoroughly after use. Avoid the contamination of food or food stuffs.

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**Section IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry area away from direct sunlight. Do not puncture or incinerate can.

OTHER PRECAUTIONS: Read label precautions thoroughly before use. Use only as directed. Avoid spraying on skin or into face or eyes. KEEP FROM REACH OF CHILDREN.

**MANUFACTURERS STATEMENT:**

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, No warranty of any kind is expressed or implied as to the accuracy, completeness, or adequacy of the information obtained herein. The Manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.

Reason for Revision: Reviewed for completeness. Date change only.  
09/25/2006 Flash Point based on flash point of components added.