

**MATERIAL SAFETY DATA SHEET**

**HYGIENIC PRACTICES:** wash hands thoroughly after handling remover. Remove and wash contaminated clothing immediately.

**PROTECTIVE GLOVES:** Neoprene rubber or similar type.

**EYE PROTECTION:** splash-proof goggles.

**OTHER PROTECTIVE EQUIPMENT:** solvent resistant aprons and armguards to avoid soiling of work clothes.

**SECTION IX – SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep containers closed when not in use. Store away from ignition sources. Store and use in well ventilated areas. Keep out of the reach of children.

**OTHER PRECAUTIONS:** Empty container may retain product residues (vapor or liquid). All precautions must be observed. All equipment should be grounded prior to use with this product

Disposal of containers should be in accordance with applicable laws and regulations. "EMPTY" containers should not be given to individuals. Serious accidents have resulted from the misuse of "Empties" containers (drums, pails, etc).

**DISCLAIMER:**  
 HOOD FINISHING PRODUCTS, INC. believes that the data contained herein are accurate and derived from qualified sources – and the data are not to be taken as a warranty or representation for which HOOD FINISHING PRODUCTS assumes legal responsibility. The data offered is solely for your consideration, investigation and verification. Any use of this data and information must be determined by the user to be in accordance with applicable local, State and Federal regulations.

**Questions? Call: 1-800-229-0934  
 Fax: 732-828-7325**



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**HOOD FINISHING PRODUCTS, Inc.**  
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**Somerst, NJ 08875-0097**

Health Emergency..... 732-828-7850  
 Spill Emergency..... 732-828-7850  
 Other Information.....800-424-9300  
 CHEMTREC..... 800-424-9300

**DATE: 12/01/08**

**SECTION I - PRODUCT IDENTIFICATION**

**PRODUCT NAME:** CUTTING FORCE (Liquid/Semi Paste)  
**PRODUCT NUMBERS:** 24801, 24805 84801, 84805  
**PRODUCT CLASS:** FINISH REMOVER  
**PRODUCT USE:** FINISH REMOVER  
**DOT PROPER SHIPPING NAME:** PAINT RELATED MATERIAL  
**DOT HAZARD CLASSIFICATION:** NOT REGULATED **DOT ID #:** NOS

HMIS RATING	SCALE
HEALTH: 1	4=EXTREME
FLAMMABILITY: 1	3=HIGH
REACTIVITY: 0	2=MODERATE
PERSONAL PROTECTION: H	1=SLIGHT
	0=INSIGNIFICANT

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT	CAS NO.	WEIGHT PERCENT	OSHA OCCUPATIONAL EXPOSURE LIMITS	
			PEL (PPM)	STEL (PPM)
Orange Terpene	N/A	75	NE	
2-Butoxy Ethanol*	111-76-2	25	25	50

N/A = Not Applicable      NA = Not Available      NE = Not Established  
 Items indicated by \* are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1980 and of 40CFR 372.

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## SECTION III - PHYSICAL DATA

APPEARANCE:	Straw Color
STATE:	Liquid
ODOR CHARACTERISTICS:	Very mild
pH	7.0
VISCOSITY (#4Ford Cup):	Water thin
SPECIFIC GRAVITY:	0.99
VAPOR DENSITY:	>1
VAPOR PRESSURE:	Not Established
MELTING POINT:	N/A
BOILING POINT:	212-343°F
SOLUBILITY IN WATER:	Complete
PERCENT VOLATILES BY VOLUME:	100.0
EVAPORATION RATE:	<1
VOC, lbs/gal (g/L)	N/A

## SECTION IV- FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (TCC):** >200°F      **LEL:** Not Established

### EXTINGUISHING MEDIA:

Foam CO<sub>2</sub>, Dry Chemical Water Fog

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** This material will not support combustion under normal conditions.

**SPECIAL FIREFIGHTING PROCEDURES:** Water may be used to cool closed containers, to prevent pressure build up.

## SECTION V- HEALTH HAZARD DATA

**EFFECTS OF OVEREXPOSURE:** Harmful if inhaled. May be fatal or cause blindness if swallowed. Cannot be made non-poisonous. Irritating to eyes, skin and respiratory tract.

**OTHER SYMPTOMS MAY INCLUDE:** dizziness, nausea, narcosis, headache.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:** pulmonary conditions.

**CHRONIC HEALTH HAZARD:** Lung damage, cardiac abnormalities, central nervous system damage.

**REPEATED OVEREXPOSURE TO THIS PRODUCT MAY CAUSE:** central nervous system damage, kidney damage, liver abnormalities, lung damage, cardiac abnormalities, blood effects, eye damage.

**NOTICE:** reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling this product may be harmful or fatal.

**EMERGENCY AND FIRST AID PROCEDURE:** **EYE CONTACT:** flush immediately with plenty of water for at least 15 minutes and get medical attention. **SKIN:** wash thoroughly with soap and water.

**INHALATION:** remove to fresh air. **INGESTION:** do not induce vomiting. Get medical attention **IMMEDIATELY**

## SECTION VI- REACTIVITY DATA

**THIS PRODUCT IS STABLE UNDER NON-EMERGENCY CONDITIONS.**

**HAZARDOUS POLYMERIZATION WILL NOT OCCUR.**

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of carbon, oxides of nitrogen, aldehydes, various hydrocarbons, toxic fumes, acids, hydrogen cyanide.

**CONDITIONS TO AVOID:** heat, open flame, sparks

**MATERIAL TO AVOID:** oxidizers, strong alkali, strong acids, water sodium hydroxide, alkali metals, amines, chlorinated solvents.

## SECTION VII - SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** ventilate area of spill before attempting clean-up. Cover spilled remover with absorbent material, VERMICULIATE or similar. Do not use Sawdust. Place wet absorbent into metal containers (covered) and place outdoors. Spark proof tools (shovels/scoops) should be used.

**WASTE DISPOSAL METHOD:** Dispose of remover waste in accordance with all local state, and federal regulations.

## SECTION VIII- SAFE HANDLING AND USE INFORMATION

**RESPIRATORY PROTECTION: REQUIRED IF EXPOSURE LEVEL ABOVE OSHA PEL.**

**VENTILATION:** mechanical ventilation sufficient to keep exposure below federal, state, and local regulations.