

JNJ Industries, Inc.

290 Beaver Street

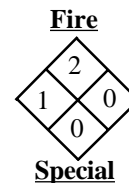
Franklin, MA 02038

Phone: 508-553-0529 * Fax: 508-553-9973

Web Site: www.jnj-industries.com * E Mail: sales@jnj-industries.com

HAZARD RATING

4 = Extreme
 3 = High
 2 = Moderate
 1 = Non-Toxic, Slight
 0 = Insignificant

Toxicity**Reactivity****FOR CHEMICAL EMERGENCY call INFOTRAC at 1-800-535-5053**

24 Hrs. per day, 7 days per week

MATERIAL SAFETY DATA SHEET

MATERIAL GlobalTech® SMT STENCIL CLEANER	CODE	KEY SMT	HAZARD CLASS Combustible Liquid
FORMULA NA	DATE ISSUED 4/01/01	CHEMICAL NAME OR SYNONYMS Mixed Aliphatic Hydrocarbons	

I - APPROXIMATE COMPOSITIONAL INFORMATION

Mixed Aliphatic Hydrocarbons	APPROX. WEIGHT % 100	TWA/TLV 100ppm, TWA
------------------------------	--------------------------------	-------------------------------

II - PHYSICAL PROPERTY INFORMATION

APPEARANCE; ODOR Clear Colorless Liquid, No Odor		VISCOSITY NA
MELTING/FREEZING POINT NE	BOILING POINT 346-406°F (176-209°C)	VAPOR DENSITY (Air) = 1) 5.2
SOLUBILITY IN WATER Slight	% VOLATILE (By Weight) 100%	VAPOR PRESSURE (mm Hg) 1.2
SPECIFIC GRAVITY (Water = 1) 0.79	EVAPORATION RATE (Butyl Acetate = 1) 0.17	

III - FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT 126°F (52°C), TCC	AUTO IGNITION TEMP 450°F (232°C)	LOWER EXPLOSION LIMIT % NA	UPPER EXPLOSION LIMIT % NA
EXTINGUISHING MEDIA <input checked="" type="checkbox"/> Foam <input type="checkbox"/> "Alcohol" Foam <input checked="" type="checkbox"/> CO ₂ <input checked="" type="checkbox"/> Dry Chemical <input type="checkbox"/> Water Spray <input type="checkbox"/> Other			
SPECIAL FIRE FIGHTING PROCEDURES Do not use direct stream of water, product tends to float on water. Cool outside of containers with water. Self-contained breathing apparatus			
UNUSUAL FIRE AND EXPLOSION HAZARDS Under extreme conditions may cause floating fire hazard			

IV - HEALTH HAZARD INFORMATION

RECOMMENDED WORK PLACE EXPOSURE LIMITS 200 ppm ACGIH Calculated	
EFFECTS OF OVEREXPOSURE <u>Inhalation:</u> May cause irritation to nose or respiratory tract <u>Eye Contact:</u> Irritation can cause eye reddening <u>Skin Contact:</u> Reddening after brief contact. Prolonged contact results in skin drying <u>Ingestion:</u> Large quantities may cause dizziness, nausea, vomiting & abdominal discomfort	
EMERGENCY AND FIRST AID PROCEDURES <u>Inhalation:</u> Move subject to fresh air, give artificial respiration if necessary <u>Eye or Skin Contact:</u> Flush with large amount of water. Remove contaminated clothing and wash before reuse <u>Ingestion:</u> DO NOT Induce Vomiting. Can cause aspiration into lungs. Seek medical attention.	

V - REACTIVITY INFORMATION

STABILITY <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	CONDITIONS TO AVOID Avoid heat, sparks, and flame
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of Carbon	
HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	CONDITIONS TO AVOID Keep away from strong oxidizers
INCOMPATIBILITY (Materials To Avoid) <input type="checkbox"/> Water <input checked="" type="checkbox"/> Other	Keep from strong oxidizers

VI - SPILL OR LEAK PROCEDURE INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Wear suitable protective equipment. Collect small spills with absorbent materials. Large spills dike and contain with absorbents such as sand, clay, or other suitable material. Place in an approved disposal container for proper disposal. Spills into or leading to surface water that causes a sheen must be reported to National Response Center at (800) 424-8802.
WASTE DISPOSAL METHODS Dispose of contaminated absorbent by waste haulage

VII - SPECIAL PROTECTION INFORMATION

VENTILATION TYPE Use local exhaust ventilation to maintain airborne limits as in Section IV	
RESPIRATORY PROTECTION Self-contained breathing apparatus in high vapor concentrations.	
PROTECTIVE GLOVES Natural Rubber	EYE PROTECTION Safety Glasses
OTHER PROTECTIVE EQUIPMENT Eye Bath, Safety Shower	

VIII - STORAGE AND HANDLING INFORMATION

STORAGE TEMPERATURE Ambient	INDOOR Ambient	HEATED NA	REFRIGERATED NA	OUTDOOR Ambient
Keep away from heat and flame.				

IX - TOXICITY INFORMATION

This product does not require reporting under the Comprehensive Environmental and Liability Act (CERCLA) of 1980. It is TSCA Listed. It is not listed on Hazardous Air Pollutant (HAPS) list of the 1990 Clean Air Act Amendments, and is not subject to SARA Title III regulation.

X - MISCELLANEOUS INFORMATION

Under EPA-RCRA (40 CFR 261.21) Hazardous waste #D001.

NA = Not Applicable NE = Non Established	KEY SMT	DATE OF ISSUE 4/01/01	SUPERSEDES 10/31/99
The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the material.		JNJ accepts no responsibility for any personal injury, property damage, or other type of loss due to negligence or otherwise resulting from the use or handling of this material. Manufacturer's Liability is limited to the net purchase price of the product or at manufacturer's option to the replacement of the product upon its return to us.	