

# JNJ Industries, Inc.

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## HAZARD RATING

4 = Extreme

3 = High

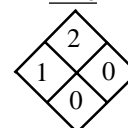
2 = Moderate

1 = Non-Toxic, Slight

0 = Insignificant

Fire

Toxicity



Reactivity

Special

FOR CHEMICAL EMERGENCY call INFOTRAC at 1-800-535-5053

24 Hrs. per day, 7 days per week

## MATERIAL SAFETY DATA SHEET

<b>MATERIAL</b> GlobalTech® SMT STENCIL CLEANER	<b>CODE</b>	<b>KEY</b> SMT	<b>HAZARD CLASS</b> Combustible Liquid
<b>FORMULA</b> NA	<b>DATE ISSUED</b> 01/05	<b>CHEMICAL NAME OR SYNONYMS</b> Mixed Aliphatic Hydrocarbons	

### I - APPROXIMATE COMPOSITIONAL INFORMATION

Mixed Aliphatic Hydrocarbons CAS #556672, 6742-88-7, 64741-65-7	<b>APPROX. WEIGHT %</b> <15% <15% >70%	<b>TWA/TLV</b> 100ppm, TWA
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### II - PHYSICAL PROPERTY INFORMATION

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

### III - FIRE AND EXPLOSION HAZARD INFORMATION

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

### IV - HEALTH HAZARD INFORMATION

<b>RECOMMENDED WORK PLACE EXPOSURE LIMITS</b> 200 ppm ACGIH Calculated
<b>EFFECTS OF OVEREXPOSURE</b> <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
<b>EMERGENCY AND FIRST AID PROCEDURES</b> <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**

Stable     Unstable

**CONDITIONS TO AVOID**

Avoid heat, sparks, and flame

**HAZARDOUS DECOMPOSITION PRODUCTS**

Oxides of Carbon

**HAZARDOUS POLYMERIZATION**

May Occur     Will Not Occur

**CONDITIONS TO AVOID**

Keep away from strong oxidizers

**INCOMPATIBILITY (Materials To Avoid)**

Water     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. It is NOT listed as a carcinogen by IARC, NTP or OSHA.

### X - MISCELLANEOUS INFORMATION

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

NA = Not Applicable

NE = Non Established

**KEY**

SMT

**DATE OF ISSUE**

01/05

**SUPERSEDES**

4/01/01

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.