



FLASHTAC ACCELERATOR

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.
Date prepared: 5/28/98 by Gary Shlpko
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U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved OMB # 1218-0072

Section 1

Manufacturers Name: Norpak Adhesives
225 Stedman St. Suite #4, Lowell, MA 01851

Emergency Telephone Number
(800) 635-6053 INFOTRAC

Section 2 Hazardous Ingredients

Hazardous Component: Heptane 100%

Section 3 Physical/Chemical Characteristics

Boiling Point: 56 Degrees Centigrade
Specific Gravity: .715
Vapor Pressure (mmHg): N/A
Melting Point: N/D
Vapor Density (Air=1): <1
Evaporation Rate: No Information
Soluble in Water: Negligible
Appearance and Odor: Colorless Liquid with Solvent Odor

Section 4 Fire and Explosion Hazard Data

Flash Point: < -1 degrees F
Flammable Limits: No Data
Extinguishing Media: Use Carbon Dioxide, Foam, Dry Chemical
Special Fire Fighting Procedures: Firefighters should use water only as a blanket.
Unusual Fire and Explosion Hazards: Water may spread fire (Product floats on water)

Section 5 Reactivity Data

Stability: Stable
Conditions to avoid: Heat, Open Flame and Sparks.
Incompatibility: Oxidizers
Hazardous Decomposition or Byproducts: Not Known
Polymerization: Will not occur

Section 6 Health Hazard Data

Health Hazards (Acute and Chronic) Eye: Irritant Skin: Inflammatory LD50 No Data
Signs and Symptoms of Exposure: Excessive exposure can result in irritation to eyes and skin.
Emergency and First Aid Procedures: **Inhalation:** Remove person to fresh air, contact physician.
Contact: Wash material off skin with large amounts of soap and water.
Ingestion: Immediately drink large amounts of milk or water and contact physician.

Risk Sheet

Attn:
Howard
Whitten.

Revised
1/26/06



9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-464-5650 Fax

EMERGENCY PHONE 1-800-255-3924

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QUICK TAC 4 ACCELERATOR

HMIS	HEALTH	2	FLAMMABILITY	3	REACTIVITY	0
NFPA	HEALTH	1	FIRE HAZARD	3	REACTIVITY	0

1. Chemical Product

Product Name: Quick Tac 4
Product Type: Heptane-based Accelerator

2. Composition and Information on Harmful Ingredients

Ingredients	CAS No.	OSHA PEL	ACGIH TWA	ACGIH STEL	%Composition
Naptha	Varies	N/A	N/A	N/A	>99
Contains:					
n-Heptane	142-82-5	500ppm	400ppm	500ppm	1-36
Methylcyclohexane	108-87-2	500ppm	400ppm	N/A	0-2

3. Hazards Identification

Physical State: Liquid.
Color: Clear.
Odor: Mild hydrocarbon odor.

EMERGENCY OVERVIEW: DANGER! EXTREMELY FLAMMABLE LIQUID. Keep away from heat, sparks, and open flame. Harmful if inhaled. Causes eye and skin irritation. Harmful if swallowed. Aspiration may cause lung damage.

Routes of exposure: Eyes, ingestion, inhalation, skin.
Target organs: Skin, respiratory system, central nervous system.
Medical conditions aggravated by exposure: Skin and respiratory system disorders.
Other: Exposure may increase heart sensitivity to certain drugs.
Cancer information: This product does not contain greater than 0.1% of known or potential carcinogens listed in NTP, IARC, or OSHA.



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4. First Aid Measures

Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get immediate medical attention.

Skin contact: Flush skin with plenty of water while removing contaminated clothing and shoes. If irritation persists, get medical attention.

Inhalation: Remove to fresh air. If breathing is difficult, administer oxygen. If not breathing, give artificial respiration, preferably mouth-to-mouth. **GET MEDICAL ATTENTION IMMEDIATELY.**

Ingestion: If swallowed, call a physician immediately. **DO NOT** induce vomiting unless directed to do so by a physician. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs.

NOTE TO PHYSICIANS: Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (e.g., gastric lavage after endotracheal intubation).

5. Fire Fighting Measures

Flash Point: 15°F

Flammability Limits: LEL: 1.1% UEL: 6.7%

Autoignition temperature: No data

Extinguishing Media: Water fog, foam, dry chemical or CO2.

Special Fire Fighting Procedures: Wear self contained breathing apparatus.

Fire / Explosion Hazards: **EXTREMELY FLAMMABLE LIQUID.** Vapors are heavier than air.

Hazardous Thermal Decomposition Products: Carbon dioxide, carbon monoxide.

6. Accidental Release Measures

EXTREMELY FLAMMABLE LIQUID. Eliminate all sources of ignition. Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protection recommendations found in section 8. Shut off source of leak if safe to do so. Use non-sparking tools and equipment. Contain spill, place into drums for proper disposal. Soak up residue with non-flammable absorbent material. **DO NOT** use sawdust. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs. Use foam to control vapor.

7. Handling and Storage

Storage: **EXTREMELY FLAMMABLE LIQUID.** Store in a cool, well-ventilated area away from all sources of ignition and out of direct sunlight. Keep containers tightly closed. Bond and ground transfer containers and equipment.

Handling: Avoid contact with eyes, skin, and clothing. **DO NOT** PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.



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8. Exposure Control and Personal Protection

Engineering controls:	Engineering controls are imperative when using this product to avoid overexposure. Do not use in closed or confined spaces.
Respiratory protection:	If exposure limits are exceeded, wear NIOSH respirator.
Eye/face protection:	Wear chemical safety goggles while handling this product.
Skin protection:	Prevent contact. Wear gloves made of nitrile, viton®, or polyvinyl alcohol.
Other protective equipment:	Eye-wash station, safety shower, rubber apron, rubber boots.
General hygiene considerations:	Wash with soap and water before meal times and at the end of each work shift.

9. Physical and Chemical Properties

Boiling point:	>=195°F	Specific gravity:	0.79@20°C
Freezing point:	N.D.	Melting point:	N.D.
Evaporation rate:	>1	Vapor pressure:	44.6mmHg@20°C
VOC (WT%):	100	Solubility in water:	Negligible
VOC (Lbs/Gal):	5.75-6.00		

10. Reactivity and Stability

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Incompatibility:	Strong oxidizing agents.
Conditions to Avoid:	Avoid contact with heat, sparks, electric arcs, and open flames.
Hazardous Decomposition Products:	Carbon dioxide and carbon monoxide.

11. Toxicological Information

Oral LD50:	No data
Dermal LD50:	No data
Inhalation LC50:	Rat - >2860ppm (n-Heptane)

12. Ecological Information

No data available.

13. Disposal Considerations

Hazardous waste number:	D001
Note:	An additional EPA hazardous waste number may include: D018
Disposal method:	Dispose of in a permitted hazardous waste management facility following all local, state, and federal regulations.



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14. Transportation Information (Not meant to be all inclusive)

DOT (Department of Transportation):
Shipping name: Heptanes
Hazard class: 3
ID/UN number: UN1206
Packing group: II
Label required: Flammable Liquid

15. Regulatory Information

This material is classified as an oil under Section 311 of the Clean Water Act and the Oil Pollution Act of 1990. Discharge or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

State regulations:

California - The following components are listed under Prop 65:

Benzene (<=0.1%)

Toluene (<=0.1%)

Wisconsin - The following components are listed as a Wisconsin HAP:

None.

NON-WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

Engineering Excellence

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