

MATERIAL SAFETY DATA SHEET

DATE: 08/25/09

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Section 1

PACER TECHNOLOGY
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For Chemical Emergency Only:
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HAZARD RATING (HMIS/NFPA):

Health = 2
Flammability = 3
Reactivity = 0

PRODUCT IDENTIFICATION: ZAP GOO (PT12)

Section 2 - HAZARDOUS INGREDIENTS INFORMATION:

Hazardous Components (Common Names, CAS Number)	OSHA PEL	ACGIH TLV	OTHER LIMITS	% OPTION
Aliphatic Petroleum				
Distillate (VM&P) (64742-89-8)	300ppm	300ppm		20-40
n-Propyl Acetate (109-60-4)	200ppm	200ppm		20-40
Xylenes* (1330-20-7)	100ppm	100ppm		1-5

*This ingredient is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments & Reauthorization Act of 1986 (SARA) and 40 CFR 372.

Section 3 - PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: 201-225 F Specific Gravity (H₂O=1): 0.89
Vapor Density (Air=1): Heavier than air Melting Point: NE
Vapor Pressure (mm Hg): 60 Evaporation Rate (Butyl acetate = 1): >1
Solubility in Water: 0.5% soluble.
Appearance & Odor: Clear colored material with solvent (naphtha) odor.

Section 4 - FIRE AND EXPLOSION HAZARD DATA:

Flash Point (Method): 50 F (TCC) Flammable Limits: LEL: 1.0% UEL: 8.0%

Extinguishing Media: Dry chemical, foam or carbon dioxide.

Special Fire Fighting Procedures: Firefighters should wear self-contained breathing apparatus. Water may be unsuitable as an extinguishing medium, but is helpful in keeping adjacent containers cool.

Unusual Fire and Explosion Hazards: Keep away from heat, sparks, and open flames. Vapors can cause a flash fire and ignite explosively.

Section 5 - REACTIVITY DATA:

Stability: Stable XX Conditions to Avoid: Flame and ignition sources.

Incompatibility (Materials to Avoid): Acids, alkaline materials, amines and strong oxidizing agents.

Hazardous Decomposition Products: Aldehydes, carbon dioxide/monoxide, oxides of nitrogen.

Hazardous Polymerization: May Occur ___ May Not Occur XX

Section 6 - HEALTH HAZARD DATA:

Route(s) of Entry: Inhalation: Yes Skin: No Ingestion: Yes

Health Hazards (Acute and Chronic):

Acute - Inhalation may cause temporary dizziness, headache, possible nausea. Symptoms normally disappear when exposure ceases. Eye/skin contact may cause discomfort by defatting action of solvents.

Chronic - Prolonged or repeated skin contact may cause dermatitis in sensitive individuals.

Carcinogenicity: NTP: No IARC Monographs: No OSHA Regulated: No

Signs and Symptoms of Exposure & First Aid Procedures:

Eye contact - Immediately flush eye with copious amounts of water for 15 minutes. Contact a physician.

Skin contact - Remove contaminated clothing and wash affected areas with soap and water. Prolonged or repeated contact can cause dermatitis in sensitive individuals. Contact a physician if irritation persists.

Inhalation - Remove to fresh air.

Ingestion - Do not induce vomiting. Get immediate medical attention and show container label.

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin and respiratory conditions.

Section 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

Steps to Be Taken in Case Material is Released or Spilled: Remove sources of ignition and provide ventilation. Soak up small spills with inert absorbent. Large spills may be scooped up with non-sparking tools. Place into container for disposal.

Waste Disposal Method: Dispose of in accordance with local, state, and federal EPA regulations.

Precautions to Be Taken in Handling and Storing: Store in a cool location away from heat, sparks and open flames. Do not breath spray mist. SPRAY MIST IS FLAMMABLE. Empty containers may contain product residue and should be disposed of properly.

Other Precautions: Ground containers when transferring product. Limit free fall to a few inches to prevent static sparks. DO NOT cut, puncture, or weld on or near empty container.

Section 8 - CONTROL MEASURES:

Respiratory Protection (Specify Type): A NIOSH approved chemical cartridge type respirator in accordance with OSHA respirator protection requirements, under 29 CFR 1910.134 if LEL or TLV is above recommended level.

Ventilation: Local Exhaust: To maintain vapor concentration below TLV.

Mechanical (General): As needed.

Protective Clothing or Equipment: Safety glasses/goggles with side shields. A safety shower and eye bath should be made readily available.

Work/Hygienic Practices: Wash hands with soap and water after use. Launder contaminated clothing before reuse.

Section 9 – OTHER:

Shipping – DOT: ORM-D, **IATA:** Consumer Commodity ID8000, Class 9, **IMO/IMDG:** Adhesives containing Flammable liquid (contains Aliphatic Petroleum Distillates, n-Propyl Acetate), Class 3, UN1133, Pkg Gp II. Ltd. Qty's.

NE = Not established

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