

Material Safety Data Sheet U. S. Department of Labor

May be used to comply with Occupational Safety and Health Administration
OSHA's Hazard Communication Standard, (Non-Mandatory Form)
29 CFR 1910.1200. Standard must be Form Approved
consulted for the specific requirements. OMB No. 1218-0072

IDENTIFY (As used on label) NN Smooth Set Brush On Activator	
Section I	
Manufacture's Name PNI WorldWide	Emergency Telephone Number 1-800-535-5053 (International Number) 813-960-2780
Address (Number, Street, City, State and ZIP Code) 5454 West Crenshaw Street	Telephone Number for Information SAA
Tampa, Fl 33634	Date Prepared 03/20/08
Section II – Hazardous Ingredients/Identity Information	
Hazardous Components (Specify Chemical Identity: Common Name(s) OSHA PEL ACGIH TLV Other Limits Recommended % Optional)	
Ethyl acetate 141-78-6 50 - 60	
Triacetin 102-76-1 15 – 25	
Butyl acetate 204-658-1 10 - 15	
Acrylic polymer Trade secret 5 - 10	
N,N-Diethyl-p-toluidine 613-48-9 <0.5	

NE = Not Established

Section III – Physical/Chemical Characteristics

Boiling Point	>78°C	Specific Gravity (H2O =1)	~0.97 @ 25°C
Vapor Pressure (mm Hg)	N.D.	Melting Point	NA
Vapor Density (AIR = 1)	>3.0	Evaporation Rate (Butyl Acetate = 1)	>4

Solubility in Water:
moderate

Appearance and Odor:
Clear liquid – acetate odor.

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) -4°C (24°F) (T.C.C.) based on ethyl acetate	Flammable Limits For ethyl acetate	LEL 2.02%	UEL 10.7%
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Extinguishing Media:
CO₂, foam, dry chemical, water spray (may be ineffective).

Special Fire Fighting Procedures:
Wear self-contained breathing gear and protective clothing.

Unusual Fire and Explosion Hazards:
Direct water jet will spread burning material. Danger of flashback exists. Cool sealed drums with water spray to lessen chance of rupture. Fumes are toxic.

Section V – Health Hazard Data

Threshold Limit Value:
Ethyl acetate: (ACGIH) 400PPM TWA; (OSHA) PEL: 400PPM TWA
n-butyl acetate: ACGIH) 150PPM TWA; (OSHA) PEL: 150PPM TWA

Effects of overexposure:

Ingestion: irritating to gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea.

Inhalation: may cause irritation of respiratory tract. Exposure to high concentrations may have a narcotic effect and may cause liver and kidney damage. Skin and eyes: moderately irritating on contact. May cause redness and pain. Repeated contact with skin may cause drying cracking and irritation.

Emergency and First Aid Procedures:

Ingestion: give lukewarm water (pint). Do not induce vomiting. Keep individual calm. Obtain medical attention. Inhalation: remove to fresh air (oxygen or artificial respiration if needed). Obtain medical attention. Skin: flush with water and wash with soap. Eyes: flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Section VI – Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to avoid*)

Strong oxidizers, sources of ignition will attack some plastics.

Hazardous Decomposition Products:

Carbon Dioxide and Carbon Monoxide.

Hazardous Polymerization	May occur		Conditions to Avoid:
	Will not occur	X	

Section VII – Spill or Leak Procedures

Steps to be taken in case material is to be released or spilled:

Eliminate all sources of ignition. Permit only properly protected workers with skin and eye protection and self-contained breathing gear. Absorb small spills with absorbent material. Pump large spills into salvage tanks.

Waste Disposal Method:

Classified as hazardous waste under RCRA. Dispose in accordance with EPA and local regulations.

Section VIII – Special Protective Information

Respiratory Protection (*Specify Type*)

Above TLV. NIOSH/MESSA approved respirator.

Ventilation	Local Exhaust Recommended	Special None
	Mechanical	Other None

Protective Gloves:

Resistant Plastic or Rubber

Eye Protection:

Chemical splash goggles recommended.

Other Protective Equipment:

Protective Rubber or plastic apron.

Section IX – Special Precautions

Precautions to be taken in handling and storing:

Store in a cool, dry place in tightly closed container.

Other Precautions:

Keep away from excessive heat and flame. Keep container closed when not in use. Keep well ventilated. Avoid contact with eyes. Avoid vapors. Keep away from children.

Section X – Regulatory Information

All ingredients are listed or exempt from listing on the TSCA Inventory and the Canadian DSL.

Estimated HMIS Code: Health Hazard (1) Fire Hazard (3) Reactivity (0)

Section XI – Transportation Information

DOT (49 CFR 172) UN#: 3272

Proper Shipping Name: Esters, n.o.s Packaging Group: II

Hazard Classification: 3 Hazard Label Required: Flammable Liquid

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