

# MATERIAL SAFETY DATA SHEET

000733

**R-M**  
Automotive Refinishing Products

Date of preparation: December 7, 1988

Trade Name: **PNT 90 Lacquer Thinner**

## SECTION I

MANUFACTURER: BASF Corporation, Coatings & Inks Division, 6125 Industrial Parkway, PO Box 2757, Whitehouse, Ohio  
 EMERGENCY TELEPHONE NO. (800) 424-6300 (CHEMTREC)  
 INFORMATION TELEPHONE NO. (419) 877-5308  
 D.O.T. Designation: Paint Related Material NA1263 Production Code: Q17CD010

## SECTION II — HAZARDOUS INGREDIENTS

Ingredient	%		CAS number	TLV		PEL*
	20-30	30-40		ppm	mg/m3	
Δ Toluene	20-30	30-40	108-88-3	100	375	200
Δ Isopropanol	20-30	30-40	67-63-0	400	980	400
Propylene Glycol Methyl Ether Acetate	10-20	n/a	108-65-6	n/a	n/a	n/a
Long Range VM + P Naphtha	10-20	150	8032-32-4	150	n/a	500
Δ Xylene	10-20	100	1330-20-7	100	435	100
Δ Acetone	5-15	750	67-64-1	750	1780	1000
Isobutyl Acetate	5-15	150	110-19-0	150	700	200
Ethylene Glycol Butyl Ether Acetate	<5	n/a	112-07-2	n/a	n/a	n/a

\* PPM unless otherwise noted

## SECTION III — PHYSICAL DATA

Boiling range: 134°-381°F Vapor Pressure: 37.4 mmHg Percent Volatile by Volume: 100 %  
 Weight per Gallon: 7.01 lbs. VOC: 7.01 lbs./gal. 839.8 g/l  
 Vapor Density: Heavier Than Air Evaporation Rate: Slower Than Ether

## SECTION IV — FIRE & EXPLOSION HAZARD DATA

Flammability Classification: Flammable TB Flash Point: 15° ± 5° F.S.C.C. Flammable Limits in Air: 0.5 - 12.8 %  
 Extinguishing Media: Foam - Carbon Dioxide - Chemical Powder  
 Unusual Fire & Explosion Hazards:  
 Keep container tightly closed. Avoid heat, open flames, static electricity, electrical equipment and sparks. Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency situations, over-exposure to decomposition products may cause a health hazard with no symptoms immediately apparent. Obtain medical attention.  
 Special Fire Fighting Procedures:  
 Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up due to extreme heat.

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## SECTION V — HEALTH HAZARD DATA

### Effects of Overexposure:

ACUTE: Inhalation — Anesthetic. Irritation of respiratory tract or acute nervous system depression. Overexposure may result in headaches and nausea possibly followed by loss of consciousness. Ingestion: Gastrointestinal irritation including vomiting can occur. Aspiration of material into lungs may result in chemical pneumonitis which can be fatal. Skin contact may result in irritation and absorption through skin. Eye contact will irritate.

CHRONIC: Some reports have associated repeated, prolonged overexposure to solvents with permanent central nervous system changes. Misuse by concentrating and inhaling the contents may be harmful or fatal. See Target Organ Effects sheet for further information about Effects of Overexposure. The Target Organ Effects Sheet is a integral part of this Material Safety Data Sheet; any duplication of the MSDS must include it.

California Proposition 65 requires that warnings be given regarding exposures to chemicals listed by the State as being known to cause cancer, birth defects or other reproductive harm. This product is not intentionally formulated with chemicals that are listed by California as causing the above effects. However, we are informed by the suppliers of some chemical ingredients used in this product that they may contain traces, but detectable, levels of some listed chemicals as impurities. Therefore, traces, but detectable, levels of listed chemicals may be present in this product.

### Emergency & First Aid Procedures:

Vapor Inhalation — Restore breathing. Remove to fresh air. Keep warm and quiet. Notify a physician. Eye Contact — Flush immediately with copious amounts of running water for at least 15 minutes. Take to physician for definitive medical treatment. Skin Contact — Clean and wash affected area with water. Consult a physician.  
 Ingestion — DO NOT INDUCE VOMITING. Call physician immediately.

## SECTION VI — REACTIVITY DATA

Stability: Stable  
 Conditions to Avoid: Heat, open flames, electrical and static discharge.  
 Incompatibility (materials to avoid): Strong acid, alkalies, and oxidizers.  
 Hazardous Decomposition Products: Unknown other than CO2 and possibly CO and carbon smoke.  
 Hazardous Polymerization: Will not occur

## SECTION VII — SPILL OR LEAK PROCEDURES

Steps if spilled: Ventilate area. Remove all possible sources of ignition. Avoid prolonged breathing of vapors. Confine spill with inert absorbent and clean up with spark-proof tools.  
 Waste Disposal: Dispose of in accordance with local, state, & federal regulations. Land fill or incinerate in approved facility by licensed contractor. Do not incinerate in closed container.

## SECTION VIII — SPECIAL PROTECTION INFORMATION

Respiratory Protection:  
 Use NIOSH/MSHA TC25C Chemical/Mechanical type filter system to remove a combination of particles, gas & vapors. Use an air supplied respirator, if necessary.  
 Ventilation:  
 Use adequate ventilation in volume and pattern to keep TLV's and PEL's (Section II) below recommended levels, and flammable limits in air (Section IV) below the level necessary to produce explosion or fire. General mechanical ventilation should comply with OSHA 1910.94.

Protective Gloves: To prevent prolonged exposure, use rubber gloves. Solvents may be absorbed through the skin.  
 Eye Protection: Safety glasses or goggles with splash guards or side shields.  
 Other Protective Equipment: Prevent prolonged skin contact to contaminated clothing.

## SECTION IX — SPECIAL PRECAUTIONS

Handling Precautions: Do not store over 120°F. When storing large quantities, store in building designed and protected against flammable liquids. Use static ties when mixing and transferring material. Do not allow material to freeze more than five (5) inches.  
 Other Precautions: FOR INDUSTRIAL USE ONLY.\* Do not take internally. If ingested, DO NOT induce vomiting. Consult a physician. Do not flame cut, weld, or braze on coated metal without a NIOSH/MSHA TC25C respirator.  
 THE INFORMATION CONTAINED HEREIN IS BASED ON TECHNICAL DATA WHICH WE BELIEVE TO BE RELIABLE. HOWEVER, SINCE THE CONDITIONS UNDER WHICH THIS INFORMATION MAY BE APPLIED ARE BEYOND OUR CONTROL, WE CAN ASSUME NO LIABILITY FOR RESULTS OF ITS APPLICATION. THIS INFORMATION SHOULD BE USED ONLY BY PERSONS HAVING SUFFICIENT TECHNICAL SKILL TO MAKE INFORMED JUDGEMENTS REGARDING ITS APPLICATION.

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Signature of Preparer

*M. A. R. Cook*