

Material Safety Data Sheet

Date last revised JULY 2010

I. GENERAL INFORMATION

Chemical Name & Synonyms ALDIMINE	Trade Name & Synonyms PECORA 850 VOC
Chemical Family CATALYST FOR POLYURETHANE DECK COATING	Formula ACCELERATOR
Proper DOT Shipping Amine, Liquid, Corrosive, n.o.s.	DOT Hazard Classification Amine, liquid, corrosive, n.o.s. Class 8, UN2735, PG III
Manufacturer PECORA CORPORATION	Manufacturer's Phone Number 215-723-6051
Manufacturer's Address 165 Wambold Road, Harleysville, PA 19438	Chemtrec Phone Number 800-424-9300

II. INGREDIENTS

Ingredient	CAS Number	Percent of Total Weight
PROPRIETARY ALIPHATIC AMINE (Aldimine)	54914-37-3	100%

THIS PRODUCT CONTAINS NO CHEMICALS WHICH ARE SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR, PART 372.

THIS PRODUCT CONTAINS NO CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

III. PHYSICAL DATA

Boiling Point: 200°C	Specific Gravity (H ₂ O = 1) 0.86
Vapor Pressure (mm Hg): 0.4mm @ 100°C	Percent Volatile by Volume (%): 50 -55% 480 g/L
Vapor Density (Air = 1): HEAVIER	Evaporation Rate (ETHER= 1): SLOWER
Solubility in Water: NEGLIGIBLE	pH: NA
Appearance & Odor: CLEAR LIQUID WITH STRONG AMMONIA ODOR	

IV. FIRE & EXPLOSION HAZARD DATA

Flash Point (Closed Cup): 171°F	Auto Ignition Temperature: NA	
Flammable Limits:	LEL: NA	UEL: NA
Extinguishing Media: CO ₂ , FOAM or DRY CHEMICALS		

Special Fire Fighting Procedures: USE WATER SPRAY ONLY TO COOL CONTAINERS. WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR WHEN FIGHTING FIRES INVOLVING CHEMICALS.

Unusual Fire & Explosion Hazards: VAPORS MAY BE IGNITED BY HEAT OR SPARKS. HEAT EXPOSED CONTAINERS MAY BURST. EMPTY CONTAINERS CONTAIN PRODUCT RESIDUE. DO NOT PRESSURIZE, CUT, WELD, DRILL, GRIND OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY OR OTHER IGNITION SOURCES. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. HAZARDOUS COMBUSTION BY-PRODUCTS MAY INCLUDE CO, CO₂, NO_x, HCN and UNBURNED HYDROCARBONS.

PECORA 850 VOC

V. HEALTH HAZARD DATA

OSHA Permissible Exposure Limit NOT ESTABLISHED		ACGIH Threshold Limit Value NOT ESTABLISHED	
Carcinogen – NTP Program NOT A KNOWN CARCINOGEN		Carcinogen – IARC Program NOT A KNOWN CARCINOGEN	
HEALTH:	2*	FLAMMABILITY:	1
REACTIVITY: 1			
Symptoms of Exposure: MAY CAUSE EYE AND SKIN IRRITATION UPON PROLONGED EXPOSURE. VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION, HIGH CONCENTRATIONS OF MISTS MAY CAUSE NAUSEA, HEADACHE, DIZZINESS, WEAKNESS OR FATIGUE. MODERATELY TOXIC. INGESTION MAY CAUSE SYMPTOMS SIMILAR TO THOSE OF INHALATION.			
Medical Conditions Aggravated By Exposure: PROLONGED EXPOSURE TO AMINES MAY AGGRAVATE ALLERGIC REACTIONS TO NOSE, THROAT AND LUNGS. PRECLUDE FROM EXPOSURE THOSE INDIVIDUALS HAVING A HISTORY OF RESPIRATORY AILMENTS.			
Primary Route (s) of Entry: DERMAL, INHALATION, EYE AND INGESTION			
Emergency First Aid: WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF OVERCOME BY VAPOR, REMOVE TO FRESH AIR AND GET MEDICAL ATTENTION IF DISCOMFORT PERSISTS. IF SPLASHED INTO EYES, IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF INGESTED DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IMMEDIATELY.			

VI. REACTIVITY DATA

Stability	<input type="checkbox"/>	Unstable	Conditions to Avoid: HEAT, SPARKS AND OPEN FLAMES
	<input checked="" type="checkbox"/>	Stable	
Incompatibility:			Materials to Avoid: STRONG OXIDIZERS AND ALKALI METALS. REACTS WITH WATER
Hazardous	<input type="checkbox"/>	May Occur	Conditions to Avoid: STRONG OXIDIZING MATERIALS AND BASES. AVOID CONTACT WITH WATER
Polymerization	<input checked="" type="checkbox"/>	Will Not Occur	
Hazardous Decomposition Products: POSSIBLY CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, HCN AND UNBURNED HYDROCARBONS.			

VII. ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: REMOVE ALL SOURCES OF IGNITION. SAFELY CONTAIN OR STOP LEAK, IF POSSIBLE. ABSORB MATERIAL WITH INERT SUBSTANCE SUCH AS SAND OR VERMICULITE. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL.

Waste Disposal Method: WASTE OF THIS PRODUCT IS DEFINED AS HAZARDOUS ACCORDING TO THE U.S. EPA. DISPOSE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

VIII. SPECIAL PROTECTION INFORMATION

Skin Protection: SOLVENT RESISTANT GLOVES	Eye Protection: SAFETY GLASSES OR GOGGLES
Respiratory Protection (Specific Type): NIOSH APPROVED ORGANIC VAPOR RESPIRATOR IN AREAS WITH INSUFFICIENT VENTILATION.	Ventilation Recommended: PROVIDE LOCAL EXHAUST OR AREA VENTILATION TO MAINTAIN CONCENTRATION OF VAPORS BELOW PERMISSIBLE EXPOSURE LIMITS.
Other Protection: IN SPRAY APPLICATIONS, USE POSITIVE PRESSURE FULL-FACE SUPPLIED AIR RESPIRATOR	

IX. SPECIAL PRECAUTIONS

Hygienic Practices In Handling & Storage: KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM SOURCES OF IGNITION. WASH HANDS THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING.

Precautions For Repair & Maintenance of Contaminated Equipment: DO NOT REUSE EMPTY CONTAINERS. DO NOT CUT, DRILL, GRIND OR WELD ON OR NEAR EMPTY PAILS OR DRUMS. USE NON-SPARKING TOOLS AND EXPLOSION PROOF EQUIPMENT.

Other Precautions: USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. USE EXPLOSION PROOF VENTILATION EQUIPMENT, IF NECESSARY. KEEP PRODUCT CONTAINERS CLOSED WHEN NOT IN USE. STORE IN A COOL, DRY, VENTILATED SPACE AWAY FROM DIRECT SUNLIGHT.

FOR PROFESSIONAL USE ONLY
KEEP OUT OF REACH OF CHILDREN!