

PRATT & LAMBERT, INC. -- COATING, POLYURETHANE SAND 33303 ID754208 -- 8010-01-131-6259  
===== Product Identification =====

Product ID:COATING, POLYURETHANE SAND 33303 ID754208

MSDS Date:10/15/1987

FSC:8010

NIIN:01-131-6259

Kit Part:Y

MSDS Number: BHGFN

=== Responsible Party ===

Company Name:PRATT & LAMBERT, INC.

Address:16116 E 13TH ST

Box:2153

City:WICHITA

State:KS

ZIP:67201

Country:US

Preparer's

Name:CLARA 67201

CAGE:FO127

=== Contractor Identification ===

Company Name:PRATT & LAMBERT, INC/BUFFALO, NY 14240

Box:22

CAGE:FO127

Company Name:PRATT AND LAMBERT INC

Address:Box:6027

City:CLEVELAND

State:OH

ZIP:44101-1027

Country:US

Phone:216-566-2902

CAGE:61196

===== Composition/Information on Ingredients =====

Ingred Name:PROPYLENE GLYCOL METHYL ETHER ACETATE (VP MM HG @ 20 DEG C  
2)

CAS:108-65-6

RTECS #:AI8925000

OSHA PEL:NONE ESTABLISHED

ACGIH TLV:NONE ESTABLISHED

ingred Name:TOLUENE (SARA III)  
CAS:108-88-3  
RTECS #:XS5250000  
OSHA PEL:200 PPM/150 STEL  
ACGIH TLV:50 PPM; 9293  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

ingred Name:SILICA, CRYSTALLINE - CRISTOBALITE  
CAS:14464-46-1  
RTECS #:VV7325000  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.05 MG/M3 RDUST9293

ingred Name:SILICA,  
CRYSTALLINE - CRISTOBALITE  
CAS:14464-46-1  
RTECS #:VV7325000  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.05 MG/M3 RDUST9293

ingred Name:SILICA, CRYSTALLINE - QUARTZ  
CAS:14808-60-7  
RTECS #:VV7330000  
OSHA PEL:SEE TABLE Z3  
ACGIH TLV:0.1 MG/M3 RDUST;9293

ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

ingred Name:VOL ORGANIC CMPD 4.5 LB/GL LESS WATER & NPRS\* 540 G/L LESS  
WATER VOC 12.4 LB/GAL SOLIDS 1488 G/L SOLIDS CALCULATED  
RTECS #:

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:SWALLOWING-GASTROINTESTINAL

IRRITATION, ASPIRATION OF MATERIAL INTO LUNG MAY CAUSE CHEMICAL PNEUMONITIS. EYE AND SKIN-IRRITATION. HIGH CONCENTRATIONS MAY CAUSE ACUTE CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY HEADACHED,DIZZINESS,NAUSEA AND CONFUSION.

Explanation of Carcinogenicity:AT THE TLV THE TIO2 MA  
NUFACTURER

CONCLUDES THAT THERE IS NO SIGNIFICANT HAZARD FOR MAN.

Effects of Overexposure:INTENTIONAL MISUSE BY DELIBERATELY INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.OVEREXPOSURE TO TOLUENE MAY CAUSE LIVER DAMAGE.OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:PREEXISTING RESPIRATORY CONDITIONS MAY BE AGGRAVATED BY EXPOSURE TO CRYSTALLINE SILICA.

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===== First Aid Measures =====

First Aid:SWALLOWING-CALL POISON CENTER AND GET MED ATTN.

INHALATION-REMOVE TO FRESH AIR AND GET MED ATTN. EYE-FLUSH WITH WATER FOR 15 MIN. GET MED ATTN. SKIN-REMOVE CONTAMINATED CLOTHING, WASH AFFECTED AREA IF IRRITATION PERSISTS.GET MED ATTN. NOTETO PHYSICIAN-ANY TREATMENT THAT MIGHT BE REQUIRED FOR OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITIONS

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===== Fire Fighting Measures =====

Flash Point:

24F/-4.44C

Extinguishing Media:USE CLASS B FIRE EXTINGUISHERS. POLYMER FOAM IS PREFERRED FOR LARGE FIRES.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS. USE WATER TO COOL EXPOSED CONTAINERS TO PREVENT POSSIBLE AUTO IGNITION/EXPLOSION. USE FOG NOZZLES IF WATER IS USED.

Unusual Fire/Explosion Hazard:OVEREXPOSURE TO DECOMPOSITION MAY CAUSE HEALTH HAZARD. SYMPTOMS MAY NOT BE IMMEDIATELY APPARENT. OBTAIN MEDICAL ATTENTION.

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===== Accidental Release

Measures =====

Spill Release Procedures:ELIMINATE ALL IGNITION SOURCES.DIKE AND CONTAIN SPILL WITH INERT MATERIAL. RECOVERY OR DISPOSAL IN A COVERED METAL CONTAINER. USE NON-SPARKING TOOLS. PREVENT CONTAMINATION OF SEWERS,STREAMS,GROUNDWATE R.

Neutralizing Agent:NONE LISTED.

===== Handling and Storage =====

Handling and Storage Precautions:DO NOT STORE ABOVE 95F. STORE LARGE QUANTITIES IN COMPLIANCE WITH OSHA 29CFR1910.106.

Oth

er Precautions:DO NOT TAKE INTERNALLY. CLOSE CONTAINER AFTER EACH USE. DO NOT BREATH SANDING DUST. DO NOT RE-USE CONTAINER. DO NOT WELD/BRAZE OR CUT ON EMPTY CONTAINER. NEVER USE PRESSURE TO EMPTY. CONT GROUNDED AND BONDED TO THE RECEIVING CONTAINER.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:WHEN SPRAYING OUTDOORS, OR IN OPEN OR WELL-VENTILATED AREAS, USE NIOSH APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE OVERSPRAY. REFER TO OSHA 29CFR1910.134 RESPIRATORY PROTECTION.

Ventilation:GENERAL DILUTION AND LOCAL EXHAUST VENT IN SUFFICIENT VOLUME & PATTERN TO MAINTAIN CONCENTRATIONS OF HAZARDOUS SUBSTANCE

Protective Gloves:SOLVENT IMPERMEABLE GLOVES ARE REQUIRED.

Eye Protection:WEAR SAFETY SPECTACLES.

Other Protective Equipment:NOT LIKELY TO BE NEEDED.

Work Hygienic Practices:NONE LISTED.

Supplemental Safety and Health

THIS URETHANE BASE IS ONE PART OF A TWO COMPONENT MIXTURE. IT IS INTENDED TO BE MIXED WITH AN ACTIVATOR. THE CONTENTS OF THIS

PACKAGE MUST BE BLENDED WITH OTHER COMPONENTS BEFORE THE PRODUCT CAN BE US ED. BEFORE OPENING PACKAGES, BE SURE YOU UNDERSTAND THE WARNING MESSAGES AND LABELS OF ALL COMPONENTS.

===== Physical/Chemical Properties =====

HCC:F2

Boiling Pt:B.P. Text:175F/281F

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Percent Volatiles by Volume:63

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid: YES

STRONG ACIDS OR ALKALINE MATERIALS.

Stability Condition to Avoid: AVOID EXCESSIVE HEAT AND SOURCES OF IGNITION.

Hazardous Decomposition Products: BURNING/WELDING/CUTTING WILL PRODUCE SMOKE, CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization: KEEP AWAY FROM HEAT, SPARKS AND FLAME.

==== Disposal Considerations =====

Waste Disposal Methods: DISPOSE IAW FED/ST/LOCAL LAWS. INCINERATE ONLY IN

EPA FACILITY. DISPOSE IN A HAZARDOUS WASTE LANDFILL. RCRA CLASSIFICATION WOULD BE D001. ENVIRONMENTAL HAZARD NONE KNOWN.

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