

SHERWIN-WILLIAMS CO -- POLANE CATALYST, V66 V 29 -- 8010-01-209-5202

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Product Identification
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Product ID:POLANE CATALYST, V66 V 29
MSDS Date:12/20/1986
FSC:8010
NIIN:01-209-5202
MSDS Number: CBQTL
=== Responsible Party ===
Company Name:SHERWIN-WILLIAMS CO
Address:101 PROSPECT AVE NW
City:CLEVELAND
State:OH
ZIP:44115
Country:US
Info Phone Num:216-566-2902
Emergency Phone Num:216-566-2917
CAGE:54636

=== Contractor Identification ===
Company Name:SHERWIN-WILLIAMS CO THE
Address:101 PROSPECT AVE NW
Box:City:CLEVELAND
State:OH
ZIP:44115-1042
Country:US
Phone:800-251-2486/216-566-2242
CAGE:54636

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Composition/Information on Ingredients
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Ingred Name:ACETIC ACID, BUTYL ESTER; (N-BUTYL ACETATE) (CERCLA).
VP:10.
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 25%
OSHA PEL:150 PPM
ACGIH TLV:150 PPM;200 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOCYANIC ACID, HEXAMETHYLENE ESTER, POLYMERS;
(HEXAMETHYLENE DIISOCYANATE POLYMER) (CONTAINING ING 3)

CAS:28182-81-2
RTECS #:NQ9170000
Fraction by Wt: 75%
OSHA PEL:N/K
ACGIH TLV:N/K

Ingred Name:HEXANE, 1,6-DIISOCYANATO-; (MAX FREE HEXAMETHYLENE
DIISOCYANATE)

CAS:929-57-7
RTECS #:MO1530000
Fraction by Wt: 1.2%
OSHA PEL:N/K
ACGIH TLV:0.005 PPM (MFR)

Ingred Name:SPILL PROC:CONTAINERS & ADD MORE AMMONIA. COVER LOOSELY.
WASH SPILL AREA W/SOAP & WATER.

RTECS #:9999999ZZ

Ingred Name:OTHER PREC:GROUNDING PROCS. TRANSFER ONLY TO APPRVD CNTNRS
W/COMPLETE & APPROP LABELING. KEEP OUT OF REACH OF (ING 6)

RTECS #:9999999ZZ

Ingred Name:ING 5:CHILDREN. NO PERS SHOULD USE THIS PROD/BE IN AREA
WHERE IT IS BEING USED, IF THEY HAVE CHRONIC (LONG-TERM) (ING 7)

RTECS #:9999999ZZ

Ingred Name:ING 6:LUNG/BRTHG PROBS/IF THEY EVER HAD RXN TO ISCYANATES.
USE ONLY W/ADEQ VENT. AVOID BRTHG VAP & SPRAY MIST. (ING 8)

RTECS #:9999999ZZ

Ingred Name:ING 7:AVOID CONT W/SKIN & EYES. PROT AGAINST DUST WHICH
MAY

BE GENERATED BY SANDING/ABRADING DRIED FILM. THIS (ING 9)

RTECS #:9999999ZZ

Ingred Name:ING 8:COATING CONTAINS MATLS CLASSIFIED AS NUISANCE
PARTICULATES, FOR EX TITANIUM DIOXIDE, CALCIUM CARBONATE, (ING 10)

RTECS #:9999999ZZ

Ingred Name:ING 9:ETC, WHICH MAY BE PRESENT AT HAZ LEVELS ONLY DURING
SANDING/ABRADING OF DRIED FILM. THIS PROD MUST BE (ING 11)

RTECS #:9999999ZZ

Ingred Name:ING 10:MIXED W/OTHER COMPONENTS BEFORE USE. BEFORE OPENING PACKAGES, READ & FOLLOW WARNING LABELS ON ALL COMPONENTS.

RTECS #:9999999ZZ

Ingred Name:RESP PROT:WEAR RESP FOR WHOLE TIME OF SPRAYING & UNTIL ALL VAPS & MISTS ARE GONE. NO PERS SHOULD BE ALLOWED IN (ING 13)

RTECS #:9999999ZZ

Ingred Name:ING 12:AREA WHERE THIS PROD IS BEING USED UNLESS EQUIPPED W/SAME RESPIRATOR PROT REC FOR THE PAINTERS.

RTECS #:9999999ZZ

Ingred Name:VENT:1910.94, 1910.107, 1910.108.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE:OVEREXP CAUSES EYE, SKIN & RESP IRRIT. MAY CAUSE NERV SYS DEPRESS ACCOMPANIED BY HDCH, DIZZ, NAUS, CONFUSN & STAG GAIT. EXTREME OVEREXP MAY RSLT IN UNCON & POSS DEATH. MAY CAUSE ALLERGIC RESP &/ OR SKIN RXN IN SUSCEPTIBLE PERS/SENSIT.THIS EFT MAY BE DELAYED SEVERAL HRS AFTER EXPOS. CHRONIC: (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:HLTH HAZ:PRLGN OVEREXP TO INGS MAY CAUSE ADVERSE EFTS TO BLOOD FORMING SYS. PERS SENSITIVE TO ISOCYANATES WILL EXPER INCR ALLERGIC RXN ON RPTD EXPOS. RPTS HAVE ASSOC RPTD & PRLNG OVEREXP TO SOLVS W/PE RM BRAIN & NERV SYS DMG. INTENTIONAL MISUSE BY DELIB CONCENTRATING & INHALING CONTENTS MAY BE HARMFUL/FATAL.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:CALL MD IMMEDIATELY . INHAL:LEAVE AREA & GET FRESH AIR. IF PROBLEMS REMAIN OR OCCUR LATER, IMMEDIATELY GET MEDICAL ATTENTION. SKIN:WASH AFFECTED AREA THOROUGHLY W/SOAP & WATER. EYES:FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

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Fire Fighting Measures
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Flash Point Method:PMCC

Flash Point:95.0F,35.0C

Lower Limits:1.4%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP.

WATER SPRAY MAY BE INEFT. IF WATER IS USED, FOG NOZZ ARE PEF.

WATER MAY BE USED TO COOL CLSD CNTNRS(SUPDAT)

Unusual Fire/Explosion Hazard:KEEP CNTNRS TIGHTLY CLSD. ISOLATE FROM HEAT, ELEC EQUIP, SPKS & OPEN FLAME. CLSD CNTNRS MAY EXPLODE WHEN EXPOS TO EXTREME HEAT. APPLICATION TO HOT SURFS(SUPDAT)

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Accidental Release Measures
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNIT. VENTILATE AREA.

ALL PERS IN AREA SHOULD BE PROTECTED AS IN PROT INFO SECTION.

COVER

SPILL W/ABSORB MATL. DEACTIVATE SPILLED MATL W/10% AMMONIUM HYDROXIDE SOLN (HOUSEHOLD A MMONIA). AFTER 10 MINS, COLLECT IN OPEN(ING 4)

Neutralizing Agent:10% AMMONIUM HYDROXIDE SOLUTION (HOUSEHOLD AMMONIA).

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Handling and Storage
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Handling and Storage Precautions:DOL STOR CATEGORY - 1C. CONTENTS ARE FLAMM. KEEP AWAY FROM HEAT, SPKS & OPEN FLAME. KEEP CNTNR CLSD WHEN

NOT IN USE. DO NOT TAKE INTERNALLY.

Other Precautions:DURING USE & UNTIL ALL VAPS ARE GONE:KEEP AREA VENTILATED; DO NOT SMOKE; EXTING ALL FLAMES, PILOT LIGHTS & HEATERS; TURN OFF STOVES, ELEC TOOLS & APPLIANCES & ANY OTHER SOURCES OF IGNIT. CONSULT NFPA CODE. USE APPRVD BONDING & (ING 5)

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Exposure Controls/Personal Protection
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Respiratory Protection:WHERE OVERSPRAY IS PRESENT, NIOSH/MSHA APPRVD POS PRESS SUPPLIED AIR RESP (TC19C) IS REC. IF UNAVAIL, WEAR NIOSH/MSHA APPRVD VAP/PARTICULATE WHICH RESP MFR RECS IS EFT FOR ISOCYANATE VAP/MIST. FOLLOW RESP MFR'S DIRECTIONS FOR USE. (ING 12)

Ventilation:LOC EXHST PEF. GEN EXHST ACCEPT IF EXPOS TO INGS IS

MAINTAINED BELOW APPLIC EXPOS LIMS. REFER TO OSHA STDS (ING 14)
Protective Gloves:IMPERVIOUS GLOVES .
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .
Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET

ANSI DESIGN CRITERIA . USE BARRIER CREAM ON EXPOSED SKIN.
Work Hygienic Practices:WASH HANDS AFTER USE.

Supplemental Safety and Health

FIRE FIGHT PROC:TO PVNT PRESS BUILD-UP & POSS AUTOIGNIT/EXPLO WHEN EXPOS TO EXTREME HEAT. EXPLO HAZ:REQS SPECIAL PRECS. DURING EMER CNDTNS OVEREXP TO DECOMP PRODS MAY CAUSE HLTH HAZ. SYMPS MAY NOT BE

IMMED APPARENT. OBTAIN MED ATTN. MATLS TO AVOID:BURSTING OF CLSD CNTNRS. WASTE DISP METH:REGARDING POLLUTION.

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:>255F,>124C
Vapor Pres:SEE ING 1
Vapor Density:HVR/AIR
Spec Gravity:1.14
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.
Percent Volatiles by Volume:30.2

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES
CONTAM W/WATER, ALCOHOLS, AMINES & OTHER CMPDS WHICH REACT W/ISOCYANATES, MAY RSLT IN DANGEROUS PRESS IN, & POSS(SUPDAT)
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:BY FIRE: CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, POSSIBILITY OF HYDROGEN CYANIDE.

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Disposal Considerations
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Waste Disposal Methods:WASTE FROM THIS PROD MAY BE HAZ AS DEFINED UNDER RCRA (40 CFR 261). WASTE MUST BE TESTED FOR IGNITABILITY TO DETERMINE APPLIC EPA HAZ WASTE NUMBERS. INCIN IN APPRVD FACILITY. DO NOT INCIN CLSD CNTNRS. DISP OF I/A/W FED, STATE & LOC REGS (SUPDAT)

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