

MORTON INTL SPECIALTY CHEMICAL GRP POWDER COATINGS -- NYLON PRIMER 7P-0200 --  
8010-01-120-9501

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===== Product Identification =====

Product ID:NYLON PRIMER 7P-0200

MSDS Date:11/07/1990

FSC:8010

NIIN:01-120-9501

MSDS Number: BJJHT

=== Responsible Party ===

Company Name:MORTON INTL SPECIALTY CHEMICAL GRP POWDER COATINGS

Address:5 COMMERCE DR

Box:1-5240

City:READING

State:PA

ZIP:19612

Country:US

Info P

hone Num:215/775-6737

Emergency Phone Num:215/775-6600

Preparer's Name:OSHA HAZARD COMM COORD

CAGE:LO397

=== Contractor Identification ===

Company Name:MORTON INTERNATIONAL

Box:City:READING

State:PA

ZIP:19612

Country:US

Phone:215/775-6737

CAGE:0ASW6

Company Name:MORTON INTL SPECIALTY CHEMICALS GROUP

Address:333 W WACKER DR

City:CHICAGO

State:IL

ZIP:60606-1292

Country:US

Phone:312-807-3137

CAGE:LO397

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

Ingred Name:SOLVENT MIXTUR

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Fraction by Wt: >60%

ACGIH TLV:140 PPM

Ingred Name:PHENOLIC RESIN SOLUTION

Fraction by Wt: 10-30%

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 35%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:XYLENES (O-,M-,P- ISOMERS) (SARA III)

CAS:1330-20-7

RTECS #:ZE2100000

Fraction by Wt: 15%

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHYL ALC

OHOL (ETHANOL)

CAS:64-17-5

RTECS #:KQ6300000

Fraction by Wt: 30%

OSHA PEL:1000 PPM

ACGIH TLV:1000 PPM; 9192

Ingred Name:N-PROPYL ACETATE

CAS:109-60-4

RTECS #:AJ3675000

Fraction by Wt: 4%

OSHA PEL:200 PPM/250 STEL

ACGIH TLV:200 PPM/250STEL;9192

Ingred Name:CYCLOHEXANONE (SARA III)

CAS:108-94-1

RTECS #:GW1050000

Fraction by Wt: 7%

OSHA PEL:S, 50 PPM

ACGIH TLV:S, 25 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fracti

on by Wt: 7%  
OSHA PEL:400 PPM/500 STEL  
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:PHENOL (COMPONENT OF RESIN SOLUTION)  
CAS:108-95-2  
RTECS #:SJ3325000  
Fraction by Wt: 4%  
OSHA PEL:5 PPM (SKIN)  
ACGIH TLV:5 PPM (SKIN)  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:FORMALDEHYDE (SARA III)  
CAS:50-00-0  
RTECS #:LP8925000  
Fraction by Wt: 0.5%  
OSHA PEL:SEE 1910.1048  
ACGIH TLV:C 0.3 PPM; A2; 9293  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:CRESOL, ALL ISOMERS (CRESYLIC ACID) (SARA III)  
CAS:1319-77-3  
RTECS #:GO5950000  
Fraction by Wt: 3%  
OSHA PEL:S, 5 PPM  
ACGIH TLV:S, 5 PPM; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:DIACETONE ALCOHOL (4-HYDROXY-4-METHYL-2-PENTANONE)  
CAS:123-42-2  
RTECS #:SA9100000  
Fraction by Wt: 6%  
OSHA PEL:50 PPM  
ACGIH TLV:50 PPM; 9192

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES

IARC:YES OSHA:NO

Health Hazards Acute and Chronic:INHAL:CONC HIGHER THAN OSHA PEL/ACGIH TLV MAY IRRIT RESP TRACT.HEADACHE,DIZZ,NAUSEA,UNCON MAY RESULT FROM EXPOS TO HIGH CONC.INGEST:MAY CAUSE NAUSEA,VOMIT,DIZZ,UNCON.LIQ CAN DEFAT & DRY SKIN.VAP CAN CAUSE EYE IRRIT.CAN CAUSE CNS DEPRESS,MAY CAUSE KIDNEY/LIVER DAMAGE,CAUSES IRRIT OF EYE,SKIN & RESP TRACT.

Explanation of Carcinogenicity:FORMALDEHYDE IS LISTED AS A CARCINOGEN BY IARC,NTP AND ACGIH.

Effects of Overexposure:RE

PEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE BRAIN AND NERVOUS SYSTEM DAMAGE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INGEST:IMMED GIVE SEVERAL GLASSES OF H<sub>2</sub>O,DO NOT INDUCE VOMIT.IF VOMIT OCCURS,GIVE FLUIDS AGAIN.HAVE MD DETERM IF CNDTN WILL PERMIT INDUCTION OF VOMIT/EVAC OF STOM. DO NOT GIVE ANYTHING BY MOUTH TO UN CON/CONVULSING PERSON.EYE:FLUSH W/PLENTY OF RUNNING H<sub>2</sub>O FOR 15 MIN.HOLD LIDS APART DURING FLUSHING TO ENSURE RINSE OF ENTIRE SURF OF EYE/LIDS.GET MD IF IRRIT OCCURS. (SEE SUPP DATA)

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

Flash Point:39.2F,4.0C

Lower Limits:1.8

Upper Limits:11.5

Extinguishing Media:CO<sub>2</sub>, DRY CHEMICAL OR FOAM.NFPA CLASSIFIES FLAM LIQS AS CLASS B FIRES.CHECK LBL OF EXTIN/EXTIN AGENT FOR CLASS B RATING.

Fire Fighting Procedures:H<sub>2</sub>O SPRAY MAY BE INEFCT AT EXTIN BURNING LIQ.IF

H<sub>2</sub>O IS ONLY AVAIL EXTIN AGT,FOG NOZZ PREF.H<sub>2</sub>O MAY BE USED TO COOL CLSD CNTRS/PVNT PRES BUILDUP(SEE SUPP DATA)

Unusual Fire/Explosion Hazard:FLAMMABLE.KEEP CNTRS TIGHTLY CLSD.ISOLATE FROM HEAT,SPARKS,ELEC EQUIP,OPEN FLAMES/OTHER IGNIT SOURCES.GROUND CNTRS DURING TRANS OPS TO DISSIPATE STATIC CHARGE.

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===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL IGNIT SOURCES.VENT AREA & AVOID BRTHNG VAPS. ADD ABSORB MATL TO SPILL AREA

& CAREFULLY SWEEP/SHOVEL

SOLIDS INTO RECEPTACLE FOR PROPER DISPOSAL. RUN OFF INTO WATERWAYS/UNABSORBED LIQ MAY CREATE POTENTIAL HAZ, NOTIFY FIRE & HEALTH AGENCIES.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: DO NOT BREATHE VAPS. AVOID CONTACT. AVOID SOURCES OF INGESTION/EXTREME HEAT. USE ONLY NON-SPARKING TOOLS/EXPLOSION PROOF EQUIP. GROUND CONTAINERS WHEN POURING/TRANSFERRING.

Other Precautions:

STORE IN COOL, WELL VENTILATED AREA AWAY FROM SPARKS AND FLAMES. KEEP CONTAINERS CLOSED. PERSONAL AIR MONITORING/SAMPLING RECOMMENDED TO ENSURE SAFE LEVELS OF HAZARDOUS MATERIALS IN THE WORKPLACE.

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

Respiratory Protection: NIOSH/MSHA APPROVED MECHANICAL FILTER RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES. IN AREAS WITH RESTRICTED VENTILATION, NIOSH/MSHA APPROVED CHEMICAL/MECHANICAL FILTER RESPIRATORS TO REMOVE COMBINATION OF PARTICULATES AND ORGANIC VAPOR.

Ventilation: SUFFICIENT EXPLOSION PROOF LOCAL EXHAUST VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW PEL, TLV VALUES.

Protective Gloves: IMPERMEABLE GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES/FACESHIELD

Other Protective Equipment: COVERALLS, SMOCKS, APRONS, SHOES, BOOTS, HATS, TO MINIMIZE CONTACT WITH SKIN & STREET CLOTHES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices: THOROUGHLY WASH HANDS BEFORE EATING OR SMOKING.

Supplemental Safety and Health

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PROCEDURE FOR SKIN: FLUSH ALL AFFECTED AREAS WITH LARGE AMOUNTS OF WATER FOR 25 MINUTES WHILE REMOVING CONTAMINATED CLOTHING & SHOES. GET MEDICAL ATTENTION IF SKIN IRRITATION OCCURS. WASH CLOTHING BEFORE REUSE. INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULT, O<sub>2</sub> MAY BE GIVEN. GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION. FIRE FIGHT PROCEDURE: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

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

Boiling Point: B.P. Text: 171°F, 77°C

Vapor Pressure: 29.0

Vapor Density: >1.0

Specific Gravity: 0.89

Solubility in Water: MODERATE

Appearance

pearance and Odor: CLEAR LIQUID  
Percent Volatiles by Volume: >90

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

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HIGH TEMPERATURES, EXTREME HEAT.

Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN, AS WELL  
AS OTHER UNKNOWN PRODUCTS.

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE AND LOCAL  
REGULATIONS.

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