

HENTZEN COATINGS INC -- PAINT ADDTIVE -MIL-PRF-85285C, TYPE I -- 8010-01-465-9642

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Product Identification  
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Product ID:PAINT ADDTIVE -MIL-PRF-85285C, TYPE I

MSDS Date:05/23/2000

FSC:8010

NIIN:01-465-9642

Status Code:A

MSDS Number: CLFZF

=== Responsible Party ===

Company Name:HENTZEN COATINGS INC

Address:6937 WEST MILL ROAD

Box:18749

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Info Phone

Num:414-353-4200

Emergency Phone Num:800-424-9300

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:09225

=== Contractor Identification ===

Company Name:HENTZEN COATINGS INC

Address:6937 WEST MILL ROAD

Box:18749

City:MILWAUKEE

State:WI

ZIP:53218

Country:US

Phone:414-353-4200

CAGE:09225

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Composition/Information on Ingredients  
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Ingred Name:METHYL PROPYL KETONE

CAS:107-87-9

RTECS #:SA7875000

Minimum % Wt:20.

Maxumum % Wt:30.

OSHA PEL:700 MG/M3;200 PP

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ACGIH TLV:705 MG/M3;200 PPM  
ACGIH STEL:881 MG/M3;250 PPM

Ingred Name:NAPHTHALENE  
CAS:91-20-3  
RTECS #:OJ0525000  
= Wt:1.41  
OSHA PEL:50 MG/M3;10 PPM  
ACGIH TLV:52 MG/M3;10 PPM  
ACGIH STEL:79 MG/M3;15 PPM  
EPA Rpt Qty:100 LBS  
DOT Rpt Qty:100 LBS

Ingred Name:1,2,4-TRIMETHYLBENZENE  
CAS:95-63-6  
RTECS #:DC3325000  
= Wt:4.48  
OSHA PEL:25 PPM  
ACGIH TLV:25 PPM

Ingred Name:AROMATIC HYDROCARBONS (MIXTURE OF C8'S TO C10'S)  
CAS:64742-95-6  
Code:F  
RTECS #:WF3400000  
Minumum % Wt:20.  
Maxumum % Wt:30.

Ingred Name:  
METHYL ISOBUTYL KETONE  
CAS:108-10-1  
RTECS #:SA9275000  
= Wt:1.45  
OSHA PEL:410 MG/M3;100 PPM  
ACGIH TLV:205 MG/M3;50 PPM  
ACGIH STEL:307 MG/M3;75 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:POLYURETHANE ACCELERATOR  
Minumum % Wt:40.  
Maxumum % Wt:50.

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

Health Hazards Acute and Chronic:EYE CONTACT: IRRITATING, WILL INJURE  
EYE TISSUE IF NOT REMOVED PROMPTLY. SKIN CONTACT: CONTAINS  
CORROSIVE MATERIAL. MAY CAUSE BU

RNS TO THE SKIN. INHALATION:

CORROSIVE IRRITANT, CAN CAUSE IRRITATION TO THE UPPER RESPIRATORY TRACT AND MUCOUS MEMBRANES OF THE NASAL PASSAGES AND THROAT. MAY CAUSE HEADACHE, NAUSEA, COUGHING AND DIZZINESS. INGESTION: MAY CAUSE MUSCOSAL DAMAGE.

Effects of Overexposure:REPORTS HAVE ASSOCIATED REPEATED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE, LIVER AND KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:ASTHMA AND OTHER RESPIRATORY

AILMENTS;SKIN ALLERGIES AND ECZEMA; CHEMICAL SENSITIZATION.

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

First Aid:EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES WHILE LIFTING EYE LIDS, TAKE TO A PHYSICIAN. SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER. CONTACT A PHYSICIAN. INHALATION: REMOVE FROM EXPOSURE. RESTORE BREATHING. INGESTION: IF SWALLOWED, CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point Method:TCC

Flash Point:=7.8C, 46.F

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:.9

Upper Limits:8.7

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT INCLUDING SELF CONTAINED BREATHING APPARATUS SHOULD BE WORN.

Unusual Fire/Explosion Hazard:CLOSED CONTAINER MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

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

Spill Release Procedures:EVACUATE ALL NON-ESSENTIAL PERSONNEL AND REMOVE ALL SOURCES OF IGNITION. VENTILATE AREA. EQUIP CLEAN UP CREW WITH APPROPRIATE PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS, AVOID SKIN CONTACT.

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

Handling and Storage Precautions:PRECAUTIONS MUST BE TAKEN SO THAT PERSONS HANDLING THIS PRODUCT DO NOT BREATHE THE VAPORS OR HAVE IT CONTACT TH

E EYES OR SKIN. STORE LARGE QUANTITIES IN BUILDINGS  
DESIGNED TO COMPLY WITH OSHA'S 29 CFR 1910.106.

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

Respiratory Protection:A RESPIRATOR THAT IS RECOMMENDED OR APPROVED FOR  
USE IN ORGANIC CONTAINING ENVIRONMENTS. IN SPRAY APPLICATIONS AN  
ORGANIC VAPOR/PARTICULATE RESPIRATOR OR AIR SUPPLIED UNIT IS  
NECESSARY.

Ventilation:PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION.

Protective Gloves:CHEMICAL RESISTANT  
GLOVES ARE REQUIRED (NEOPRENE,  
NITRILE, OR PVC).

Eye Protection:USE SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS.

Other Protective Equipment:SAFETY SHOWERS AND EYE WASH STATIONS SHOULD  
BE AVAILABLE. EDUCATE AND TRAIN EMPLOYEES IN THE SAFE USE OF THIS  
PRODUCT.

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:LO-213.0 F-HI-429.0 F

Melt/Freeze Pt:M.P/F.P Text:NONE

Decomp Temp:Decomp Text:NONE

Vapor Pres:27.8

0

Vapor Density:4.80

Spec Gravity:.849

VOC Pounds/Gallon:494

VOC Grams/Liter:4.12

Evaporation Rate & Reference:2.300 (N-BUTYL ACETATE=1)

Solubility in Water:REACTS SLOWLY WITH WATER

Appearance and Odor:LIQUID CLEAR LIQUID SOLVENT ODOR

Percent Volatiles by Volume:58.9414

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS; STRONG ACIDS.

Stability Condition to Avoid:MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO  
DECO

MPOSITION AS IN WELDING. FUMES MAY CONTAIN THE FOLLOWING:

CARBON MONOXIDE, CARBON DIOXIDE AND OTHER TOXIC VAPORS.

Hazardous Decomposition Products:MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION AS IN WELDING. FUMES MAY CONTAIN THE FOLLOWING: CARBON MONOXIDE CARBON DIOXIDE AND OTHER TOXIC VAPORS DEPENDING UPON THE TEMPERATURE REACHED.

Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Info

rmation:ACUTE TOXICITY: INHAL: LC50: >5 MG/L/4 HRS (RATS, DATA FROM SIMILAR TONER). INGEST: ORAL LD50: >2000 MG/KG (RATS, DATA FROM TONER INGREDIENTS). EYE CONTACT: NOT CLASSIFIED AS IRRITANT, ACCORDING TO OSHA HAZARD COMMUNICATION STANDARD (HCS) & EUDIRECTIVE 67/548/EEC BASED ON TEST DATA OF RABBITS. SKIN CONTACT: NOT CLASSIFIED AS IRRITANT, ACCORDING TO OSHA HCS & EU DIRECTIVE 67/548/EEC BASED ON TEST DATA OF RABBITS. CHRONIC TOXICITY: NO DATA AVAIL. SENSIT: NOT CLASSIFIED AS SENSITIZER ACCORDING TO ANNEX 1 OF EU DIRECTIVE 67/548/EEC & FHSA. MUTAGENICITY: NEGATIVE (AMES TEST: SALMONELLA TYPHIMURIUM). (OTHER INFO)

===== Ecological Information =====

Ecological:NO DATA AVAILABLE FOR ECOLOGICAL AND WASTEWATER TREATMENT (SEWAGE) SYSTEMS.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS.

===== MSDS Transport Information =====

Transport Information:INTERNATIONAL TRANSPORT INFORMATION: UN NO: 2807. UN SHIPPING NAME: MAGNETIZED MATERIAL. HAZARDS CLASS: 9. PACKING GROUP: NONE. SPECIAL PRECAUTIONS: 73 OR MORE OF THESE PRODUCTS SHIPPED TOGETHER BY AIR ARE REGULATED AS MAGNETIZED MATERIAL.

===== Regulatory Information =====

SARA Title III Information:THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORT

TING REQUIREMENTS OF SECTION 313 OF

THE EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT OF 1986 AND  
OF 40 CFR 372. 1,2,4 TRIM ETHYLBENZENE 95-63-6 5.4860%

State Regulatory Information:

===== Other Information =====

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