

VELCRO USA INC -- VELCRO 45D ADHESIVE -- 1560-01-138-8825

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Product Identification  
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Product ID:VELCRO 45D ADHESIVE

MSDS Date:08/24/1987

FSC:1560

NIIN:01-138-8825

Kit Part:Y

MSDS Number: BXYTJ

=== Responsible Party ===

Company Name:VELCRO USA INC

Address:406 BROWN AVE

Box:5218

City:MANCHESTER

State:NH

ZIP:03108

Country:US

Info Phone Num:603-669-4880

Emergency Phone Num:603-669-4880

Prepare

r's Name:P. KING-MULLEN

CAGE:11153

=== Contractor Identification ===

Company Name:UNITED TECHNOLOGIES INC. SIKORSKY AIRCRAFT DIV.

Address:6900 MAIN STREET

Box:7016

City:STRATFORD

State:CT

ZIP:06601-1381

Country:US

Phone:203-386-3791

CAGE:78286

Company Name:VELCRO USA INC

Address:406 BROWN AVE

Box:5218

City:MANCHESTER

State:NH

ZIP:03108

Country:US

Phone:603-669-4880

CAGE:11153

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Composition/Information on Ingredients  
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Ingred Name:ACETONE (SARA III)

CAS:67-64-1

RTECS #

:AL3150000  
Fraction by Wt: 42.8%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:1000PPM  
ACGIH TLV:750PPM/1000STEL;9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)  
CAS:78-93-3  
RTECS #:EL6475000  
Fraction by Wt: 28.1%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:200 PPM/300 STEL  
ACGIH TLV:200 PPM/300STEL 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL ACETATE  
CAS:141-78-6  
RTECS #:AH5425000  
Fraction by Wt: 3.3%  
Other REC Limits:NON  
E RECOMMENDED  
ACGIH TLV:400 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:PHENOL  
CAS:108-95-2  
RTECS #:SJ3325000  
Fraction by Wt: 3.1%  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:5 PPM  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 200-1000 MG/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chro

nic:HAZARDOUS IF INGESTED. HAZARDOUS IF INHALED. INGREDIENTS CAUSES EYE IRRITATION. INGREDIENTS CAUSES POSSIBLY IRREVERSIBLE EYE BURNS.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT ARE ON THE IARC, NTP OR OSHA LISTS OF CARCINOGENIC HAZARDS.

Effects of Overexposure:IRRITATION OF EYES, NOSE AND THROAT, HEADACHE, HIGH EXPOSURE - NARCOSIS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====  
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First Aid:INGESTION: IF SWALLOWED, CALL A PHYSICIAN. THE ATTENDING PHYSICIAN MUST DECIDE WHETHER OR NOT TO INDUCE VOMITING BASED ON HIS EVALUATION OF THE PATIENT. INHALATION: IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO- MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. CONTACT: IMMEDIATELY FLUSH W/PLENTY OF WATER-15 MIN. CALL A PHYSICIAN

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===== Fire Fighting Measure  
s =====

Flash Point Method:OC

Flash Point:17.0F,-8.3C

Lower Limits:2.04

Upper Limits:12.31

Extinguishing Media:FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SOAK UP LIQUID W/ABSORBENT MATERIAL-SAND, EARTH, SWEEPING COMPOUND OR SOME OTHER ABSORBENT MATERIAL. PACKAGE ABSORBENT MATERIAL OR SOLID PRODUCT IN STEEL DRUMS WHICH ARE IN GOOD CONDITION. THOROUGHLY CLEAN AREA WHERE SPILL OCCURRED.

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

Handling and Storage Precautions:STORE IN A COOL LOCATION (60-80 F) AWAY FROM SUNLIGHT AND ANY SOURCE OF HEAT, SPARKS OR FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT USED.

Other Precautions:USE WITH ADEQUATE VENTILATION, AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. AVOID SKIN CONT

ACT. USE IN AN AREA  
FREE FROM FLAME AND SPARKS.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.  
Ventilation:LOCAL EXHAUST IS PREFERRED, MECHANICAL EXHAUST IS  
ACCEPTABLE.  
Protective Gloves:NEOPRENE RUBBER, NITRILE, IMPERVIOUS  
Eye Protection:SAFETY GLASSES OR FULL FACE SHIELD  
Other Protective Equipment:SAFETY SHOWER AND EYE BATH  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.  
Supplemental Safety and Health

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

HCC:F2  
Boiling Pt:=-56.1C, 133.F  
B.P. Text:133 TO 212F  
Vapor Pres:135 MM HG  
Vapor Density:2.23  
Spec Gravity:0.87  
Evaporation Rate & Reference:NA  
Solubility in Water:51.3%  
Appearance and Odor:A DARL AMBER LIQUID WITH KETONE ODOR.  
Percent Volatiles by Volume:81

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS.  
Stability Condition to Avoid:NONE  
SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:FUMES MAY INCLUDE CARBON DIOXIDE,  
CARBON MONOXIDE, WATER VAPOR, OXIDES OF NITROGEN, TOXIC FUMES,  
CYANIDE MAY BE FORMED.

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

Waste Disposal Methods:DISPOSE OF PER FEDERAL, STATE & LOCAL REGS. BE  
AWARE THAT STATE & LOCAL REQUIREMENTS MAY DIFFER WIDELY DEPENDING  
ON LOCATION & IN MANY CASES BE DIFFERENT FROM FEDERAL RULES. THIS  
PRODUCT WOULD BE CLAS SIFIED

## A HAZARDOUS WASTE UNDER FEDERAL REGS.

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