

NATIONAL STARCH AND CHEMICAL CORP -- QUICKBOND 602;78-4507,ADHESIVE-PART 1 --
2540-01-033-1831

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

Product ID:QUICKBOND 602;78-4507,ADHESIVE-PART 1

MSDS Date:02/20/1994

FSC:2540

NIIN:01-033-1831

Kit Part:Y

MSDS Number: BTRKM

=== Responsible Party ===

Company Name:NATIONAL STARCH AND CHEMICAL CORP

Address:10 FINDERNE AVE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Co

untry:US

Info Phone Num:908-685-5379

Emergency Phone Num:908-685-5000

Preparer's Name:PHILIP A.TOSCANO

CAGE:85091

=== Contractor Identification ===

Company Name:DORMAN PRODUCTS INC.

Address:1 DORMAN DR

Box:City:WARSAW

State:KY

ZIP:41095

Country:US

Phone:606-567-7000

CAGE:72741

Company Name:NATIONAL STARCH AND CHEMICAL CORP

Address:10 FINDERNE AVE

Box:6500

City:BRIDGEWATER

State:NJ

ZIP:08807

Country:US

Phone:908-685-5379; FAX:908685-5306

CAGE:85091

===== Composition/Information on Ingre

dients =====

Ingred Name:HYDROXYETHYLMETHACRYLATE
CAS:868-77-9
RTECS #:OZ4725000
Fraction by Wt: >1%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:3000PPM

Ingred Name:URETHANE DIMETHACRYLATE
CAS:39318-69-9
Fraction by Wt: >1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:N-MESYL-PARA-TOLUENESULFONAMIDE
CAS:14653-91-9
Fraction by Wt: >1%
Other REC Limits:NONE RECOMMENDED

Ingred Name:METHACRYLIC ACID
CAS:79-41-4
RTECS #:OZ2975000
Fraction by Wt: >1%
Other REC Limits:NONE RECOMMENDED
OSH
A PEL:S, 20 PPM
ACGIH TLV:20 PPM; 9394

Ingred Name:VOLATILE ORGANIC COMPOUNDS
RTECS #:9999999VO
Fraction by Wt: 5.5%
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYES:CORROSIVE.MAY CAUSE
IRRITATION.SKIN: CORROSIVE.MAY BE DERMALLY ABSORBED IN HARMFUL
AMOUNTS.MAY CAUSE IRRITATION. INGE

ST:CORROSIVE.MAY CAUSE GI TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.
Explanation of Carcinogenicity:METHYL AND ETHYL ACRYLATES ARE SUSPECTED CARCINOGENS.
Effects of Overexposure:SKIN:RASH,DERMATITIS.
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN,EYES, DIGESTIVE TRACT AND RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;
WASH WITH SOAP AND WATER.EYES:FLUSH WITH WATER FOR 15 MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING. GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE MILK OR WATER TO DILUTE STOMACH CONTENTS.

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

Flash Point Method:SCC
Flash Point:218F,103C
Extinguishing Media:DRY CHEMICAL,CARBON DIOXIDE,FOAM,WATER FOG.
Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.
Unusual Fire/Explosion Hazard:THIS PRODUCT POLYMERIZES AT HIGHER TEMPERATURES.FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:SOAK UP SMALL AMOUNTS WITH A NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL.LARGER AMOUNTS SHOULD BE SOLIDIFIED WITH A SURFACE ACTIVATOR AND HANDLED AS SOLID WASTE.
Neutralizing Agent:ANEROBIC SURFACE CONDITIONER.

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

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL-VENTILATED PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.AVOID DIRECT SUNLIGHT.
Other Precautions:MAXIMUM STORAGE TEMPERATURE IS 100F.

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

Respiratory Protection:WHERE ENVIRONMENTAL CONTROL

LS ARE LACKING OR IN

ENCLOSED SPACES USE A NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES WITH FACE SHIELD.

Other Protective Equipment:PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and Health

KEY1;T4.

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Physical/Chemical
Properties =====

HCC:T4

Boiling Pt:B.P. Text:POLYMERIZES

Vapor Pres:0.01

Vapor Density:5.0

Spec Gravity:1.1

Evaporation Rate & Reference: