This MSDS should be attached or kept with the respective product with which it is associated.

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3M(TM) SPRAY ADHESIVE 72, BLUE
MANUFACTURER: 3M

SECTION 2: INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>C.A.S. NO.</th>
<th>% BY WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Acrylate</td>
<td>72-20-9</td>
<td>25-35</td>
</tr>
<tr>
<td>Ethyl Methacrylate</td>
<td>115-10-6</td>
<td>25-35</td>
</tr>
<tr>
<td>NONVOLATILE COMPONENTS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>N.J. TRADE SECRET TRADE SECRET REGISTRY NO.</td>
<td>10-20</td>
<td></td>
</tr>
<tr>
<td>Isocyanates</td>
<td>75-28-5</td>
<td>10-20</td>
</tr>
<tr>
<td>Cyclohexene</td>
<td>110-82-7</td>
<td>5-10</td>
</tr>
<tr>
<td>Phenol</td>
<td>109-66-0</td>
<td>1-5</td>
</tr>
<tr>
<td>1,1-Diphenylethane</td>
<td>75-37-6</td>
<td>1-5</td>
</tr>
<tr>
<td>Methyl Alcohol</td>
<td>67-56-1</td>
<td>&lt;0.4</td>
</tr>
</tbody>
</table>

SECTION 3: HAZARDS IDENTIFICATION

3.1 PHYSICAL FORM: AEROSOL
ODOR, COLOR, GRADE, BLUE, FRUITY ODOR

3.2 POTENTIAL HEALTH EFFECTS

EYE CONTACT: IRRITATES EYE IRRITATION:
STINGS/SYMPTOMS MAY INCLUDE REDNESS, SWELLING, PAIN, TENDING, AND BLURRED OR FRAZED VISION.

SKIN CONTACT: PRODUCES OR REPEATED EXPOSURE MAY CAUSE:
MILD SKIN IRRITATION.
STINGS/SYMPTOMS MAY INCLUDE LOCALIZED REDNESS, SWELLING, AND ITCHING.

INHALATION: UPPER RESPIRATORY TRACT IRRITATION:
STINGS/SYMPTOMS MAY INCLUDE COUGHING, SNEEZING, NASAL DISCHARGE, HEATINESS, NOSE BURNING, AND NOSE AND THROAT PAIN.

CHEMICAL (INHALATION) AGENCIES:
STINGS/SYMPTOMS MAY INCLUDE COUGHING, GAGGING, CORYZAL, BURNING OF THE MOUTH, DIFFICULTY BREATING, BRUSHTOOTHED SKIN (COUMASIS), AND MAY BE FATAL.

TARGET ORGAN EFFECTS:
CENTRAL NERVOUS SYSTEM (CNS) DEPRESSION:
STINGS/SYMPTOMS MAY INCLUDE NERVOSITY, DIZZINESS, FRESHNESS, INCOORDINATION, Nausea, Slowed Reaction Time, Slurred Speech, Sightlessness, and Unconsciousness.

EXPOSURE TO OR EXPOSURE, ABOVE RECOMMENDED GUIDELINES, MAY CAUSE:
LIVER EFFECTS:
STINGS/SYMPTOMS MAY INCLUDE LOSS OF APPETITE, WEIGHT LOSS, PAIN, FATTY LIVER, ABNORMAL BLOOD SUGAR LEVELS, AND INCREASED BLOOD URIC ACID (BUN).
SECTION 9: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS:
USE APPROPRIATE LOCAL EXHAUST VENTILATION. DO NOT USE IN A CONFINED AREA UNLESS WITH AIR SUPPLY OR AIR EXTRACTOR. USE GENERAL EXHAUST AND/OR LOCAL EXHAUST VENTILATION TO CONTROL AIRBORNE EXPOSURE TO FORMALDEHYDE. EXPOSURE LIMITS AND/OR CONTROL MUST BE VACUUM, SPRAY, OR SPRAY. IF VENTILATION IS NOT ADEQUATE, USE RESPIRATORY PROTECTION EQUIPMENT.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE):

8.2.1 EYE/FACE PROTECTION:
AVOID THIS CONTACT WITH VAPORS, MISTS, OR SPRAY. THE FOLLOWING EYE PROTECTION IS RECOMMENDED: SAFETY GLASSES WITH SIDE SHIELDS.

8.2.2 SKIN PROTECTION:
CLOTHS NOT NORMALLY REQUIRED. AVOID PROLONGED OR REPEATED SKIN CONTACT.

8.3 RESPIRATORY PROTECTION:
SELECT THE FOLLOWING MOUTH/NOSE RESPIRATORS BASED ON ADVERSE CONSEQUENCES OF EXPOSURE AND IN ACCORDANCE WITH OSHA REGULATIONS:
- HIGH EXHAUST OR FUMES AIR-PORTING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES. CONSULT THE CURRENT NIOSH RESPIRATOR SELECTION GUIDE FOR ADDITIONAL INFORMATION OR CALL 1-800-CALL-NIOSH FOR FREE TECHNICAL ASSISTANCE.

8.4 PREVENTION OF SWALLOWING:
DO NOT EAT, DRINK OR SMOKES WHEN USING THIS PRODUCT. WASH EXPOSED AREAS THROUGHFULLY WITH SOAP AND WATER.

8.5 EXPOSURE GUIDELINES:

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>AUTHORITY TYPE</th>
<th>LIMIT</th>
<th>ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1-DIFLUOROCYCLOHEXANE</td>
<td>TWA</td>
<td>1000 PPM</td>
<td></td>
</tr>
<tr>
<td>1.1-DIFLUOROCYCLOHEXANE</td>
<td>TWA</td>
<td>1000 PPM</td>
<td></td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>ACGIH</td>
<td>100 PPM</td>
<td></td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>OSHA</td>
<td>300 PPM</td>
<td>TABLE 2-1</td>
</tr>
<tr>
<td>DIMETHYL ETHER</td>
<td>AIHA</td>
<td>1000 PPM</td>
<td></td>
</tr>
<tr>
<td>DIMETHYL ETHER</td>
<td>OSHA</td>
<td>1000 PPM</td>
<td></td>
</tr>
<tr>
<td>DIMETHYL ETHER</td>
<td>ACGIH</td>
<td>1000 PPM</td>
<td></td>
</tr>
<tr>
<td>Methylene Acetate</td>
<td>ACGIH</td>
<td>200 PPM</td>
<td></td>
</tr>
<tr>
<td>Methylene Acetate</td>
<td>OSHA</td>
<td>250 PPM</td>
<td></td>
</tr>
<tr>
<td>Methylene Acetate</td>
<td>ACGIH</td>
<td>200 PPM</td>
<td>TABLE 2-1A</td>
</tr>
<tr>
<td>Methylene Acetate</td>
<td>OSHA</td>
<td>250 PPM</td>
<td>TABLE 2-1A</td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>AIHA</td>
<td>200 PPM</td>
<td>TABLE 2-1A</td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>OSHA</td>
<td>250 PPM</td>
<td>TABLE 2-1A</td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>ACGIH</td>
<td>200 PPM</td>
<td>TABLE 2-1A</td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>OSHA</td>
<td>250 PPM</td>
<td>TABLE 2-1A</td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>OSHA</td>
<td>TWA</td>
<td>600 PPM</td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>OSHA</td>
<td>TWA, VACATED</td>
<td>600 PPM</td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>OSHA, STEEL, VACATED</td>
<td>750 PPM</td>
<td></td>
</tr>
<tr>
<td>Methylene Alcohol</td>
<td>OSHA</td>
<td>TWA</td>
<td>1000 PPM</td>
</tr>
</tbody>
</table>

NOTE: INGREDIENTS ARE RECOMMENDED TO THE POTENTIAL CONTRIBUTION TO THE OVERALL EXPOSURE BY THE USE OF OTHERS INCLUDING MUCOUS MEMBRANES AND EYE, EITHER BY EXPOSING OR MORE PARTICULARLY BY DIRECT CONTACT WITH THE SUBSTANCE. VEHICLES CAN AID IN ABSORPTION.

VAC VACUUMED PER:
VACUUMED PERmissible EXPOSURE LIMITS (PEL) ARE DETERMINED AS THE OSHA PEL IN SOME STATES, CHECK WITH YOUR LOCAL REGULATORY AGENCY.

SOURCE OF EXPOSURE LIMIT DATA:
ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
CMC: CHEMICAL MANUFACTURER RECOMMENDED GUIDELINE
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
AIHA: AMERICAN INSTITUTIONAL HYGIENE ASSOCIATION WORKPLACE ENVIRONMENTAL EXPOSURE LEVEL (WEL).

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC PHYSICAL FORM: AEROZOL
COLOR, ODOR, GRADE: BLUE, FRUITY ODOR
GENERAL PHYSICAL FORM: GAS
AUTOIGNITION TEMPERATURE: NO DATA AVAILABLE
FLASH POINT: -42.00 °C (0.1 °C)
FLAMMABLE LIMITS: LEL: NO DATA AVAILABLE
FLAMMABLE LIMITS: UEL: NO DATA AVAILABLE

VAPOR DENSITY: 2.97
SPECIFIC GRAVITY: 0.749
PH: NO DATA AVAILABLE
MELTING POINT: NO DATA AVAILABLE
DENSITY IN WATER: NO
EVAPORATION RATE: 1.90
Hazardous Air Pollutants: <0.05 %
VOCs: <0.05 %
PERCENT VOLATILE: APPROXIMATELY 83 %
VISCOSITY: NOT APPLICABLE

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE.

MATERIALS AND CONDITIONS TO AVOID: HAZARD.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

PLEASE CONTACT THE ADDRESS LISTED IN SECTION 1 OF THIS MSDS FOR TOXICOLOGICAL INFORMATION ON THIS MATERIAL AND/OR ITS COMPONENTS.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: NOT DETERMINED.
CHEMICAL FATE INFORMATION: NOT DETERMINED.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISPOSAL OF IN A PERMITTED HAZARDOUS WASTE INCINERATOR. AS A DISPOSAL ALTERNATIVE, DISPOSAL OF WASTE PRODUCT IN A PERMITTED HAZARDOUS WASTE FACILITY. FACILITY MUST BE CAPABLE OF HANDLING AEROSOL CONTAINERS WHERE AVAILABLE.

SECTION 14: TRANSPORT INFORMATION

ID NUMBER: N/E
62-4933-4930-2
62-4933-4951-1

PLEASE CONTACT THE EMERGENCY NUMBERS LISTED IN SECTION 1 OF THIS MSDS FOR TRANSPORTATION INFORMATION FOR THIS MATERIAL.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS: CONTACT 3M FOR MORE INFORMATION.

311/312 HAZARD CATEGORIES:
- FIRE HAZARD: YES
- EXPLOSION HAZARD: YES
- HEALTH HAZARD: NO
- IMMEDIATE HAZARD: YES
- DELAYED HAZARD: YES

SECTION 133 TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF THAT SECTION AND 40 CFR PART 372 (ERPCA):

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>C.A.S. NO</th>
<th>PPM</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYCLOHEXANE</td>
<td>110-82-7</td>
<td>5-10</td>
</tr>
</tbody>
</table>

THIS MATERIAL CONTAINS A CHEMICAL WHICH REQUIRES RECOGNITION NOTIFICATION UNDER TSCA SECTION 12 (B):

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>C.A.S. NO</th>
<th>REGULATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CYCLOHEXANE</td>
<td>109-66-0</td>
<td>TOXIC SUBSTANCES CONTROL ACT (TSCA) &amp; TEST RULE CHEMICALS</td>
</tr>
<tr>
<td>CYCLOHEXANE</td>
<td>110-82-7</td>
<td>TOXIC SUBSTANCES CONTROL ACT (TSCA) &amp; TEST RULE CHEMICALS</td>
</tr>
<tr>
<td>Methylene Acetate</td>
<td>79-20-9</td>
<td>TOXIC SUBSTANCES CONTROL ACT (TSCA) &amp; TEST RULE CHEMICALS</td>
</tr>
</tbody>
</table>

INFORMATION (CATEGORY OF APPLICABLE)
SECTION 16: OTHER INFORMATION

NFPA HAZARD CLASSIFICATION:
HEALTH: 2
FLAMMABILITY: 4
REACTIVITY: 0
SPECIAL HAZARDS: NONE
AEROSOL STORAGE CODE: 3

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) HAZARD RATINGS ARE DESIGNED FOR USE BY EMERGENCY RESPONSE PERSONNEL TO ADDRESS THE HAZARDS THAT ARE PRESENTED BY SHORT-TERM, ACUTE EXPOSURE TO A MATERIAL UNDER CONDITIONS OF FIRE, SPILL, OR SIMILAR INCIDENTS. HAZARD RATINGS ARE PRIMARILY BASED ON THE INHERENT PHYSICAL AND TOXIC PROPERTIES OF THE MATERIAL BUT ALSO INCLUDE THE TOXIC PROPERTIES OF CONCENTRATIONS OF DECOMPOSITION PRODUCTS THAT ARE KNOWN TO BE GENERATED IN SIGNIFICANT QUANTITIES.

REVISION CHANGES:
SECTION 3: IMMEDIATE PHYSICAL HAZARD(S) WAS MODIFIED.
SECTION 5: INITIAL FIRE AND EXPLOSION HAZARD INFORMATION WAS MODIFIED.
SECTION 14: ID NUMBER(S) AND/OR UPC(S) WAS ADDED.
SECTION 15: ID NUMBER(1) WAS DELETED.

DISCLAIMER:
THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET (MSDS) IS BELIEVED TO BE CORRECT AS OF THE DATE ISSUED. 3M MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. USER IS RESPONSIBLE FOR DETERMINING WHETHER THE 3M PRODUCT IS FIT FOR A PARTICULAR PURPOSE AND SUITABLE FOR USER'S METHOD OF USE OR APPLICATION AS GIVEN THE VARIETY OF FACTORS THAT CAN AFFECT THE USE AND APPLICATION OF A 3M PRODUCT. 3M MAKES NO REPRESENTATIONS AS TO ITS COMPLETENESS OR ACCURACY. 3M PROVIDES INFORMATION IN ELECTRONIC FORM AS A SERVICE TO ITS CUSTOMERS. DUE TO THE REMOTE POSSIBILITY THAT ELECTRONIC TRANSMISSION MAY HAVE RESULTED IN ERRORS, OMISSIONS OR ALTERATIONS IN THIS INFORMATION, 3M MAKES NO REPRESENTATIONS AS TO ITS COMPLETENESS OR ACCURACY. 3M PROVIDES INFORMATION OBTAINED FROM A DATABASE MAY NOT BE AS CURRENT AS THE INFORMATION IN THE MSDS AVAILABLE DIRECTLY FROM 3M.

3M MSDS ARE AVAILABLE AT WWW.3M.COM
GRAINGER SHIPPING INFORMATION

STOCK #
MSDS #
FREIGHT CODE
DOT PROPER SHIP NAME

FLASHPOINT

UPS RESTRICTIONS

HAZARDOUS CLASS NUMBER
UN ID #
PACKING GROUP
SHIPPING LABEL

LIMITED QUANTITY
CARTON INSTRUCTIONS
DOT/UPS EXEMPTION NO.
COMMENTS
SHIPPING-PAPERS

PLACARD OFFERED?

ORDER: 1020990528
ITEM: 3KB82 - Aerosol Spray 24 Oz
HAZMAT: 3KB82

When shipment is complete, retain for daily Hazmat audit

=================================================================================

CONSUMER COMMODITY, ORM-D FLASHPOINT -41 DGS C, -42 DGS F

-41 DEGREES CELSIUS, -42 DEGREES FAHRENHEIT

20 LB. & UNDER REQUIRES 200 LB. BSC/32 ECT, 21 LB. & OVER REQUIRES 275 LB. BSC/44 ECT.

ORM-D

Consumer Commodity ORM-D

YES

CAN REPACK IN GRAINGER S CARTON

HAZARDOUS MATERIAL. DO NOT SHIP AIR!!

YES ( ) NO ( ) PLEASE MARK ONE

=================================================================================