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Material Safety Data Sheet

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SECTION I - Material Identity

Item Name	
Part Number/Trade Name	3M(TM) HIGH STRENGTH SPRAY ADHESIVE AEROSOL 90
National Stock Number	8040P3M90
CAGE Code	04963
Part Number Indicator	A
MSDS Number	194713
HAZ Code	B

SECTION II - Manufacturer's Information

Manufacturer Name	3M GENERAL OFFICES
P.O. Box	N/K
Street	3M CENTER
City	ST. PAUL
State	MN
Country	US
Zip Code	55144-1000
Emergency Phone	800-424-9300 CHEMTREC
Information Phone	800-364-3577/651-737-6501

MSDS Preparer's Information

Date MSDS Prepared/Revised	26OCT03
Date of Technical Review	04APR91
Active Indicator	Y

Alternate Vendors

SECTION III - Physical/Chemical Characteristics

Specification Number	N/K
Specification Type/Grade/Class	N/K
Hazard Storage Compatibility Code	N/K
NRC License Number	N/K
Net Propellant Weight (Ammo)	N/K
Appearance/Odor	CLEAR LIQUID IN AEROSOL, SWEET FRUITY ODOR
Boiling Point	COMPRESSED
Melting Point	ND
Vapor Pressure	GAS
Vapor Density	ND
Specific Gravity	0.726
Decomposition Temperature	N/K
Evaporation Rate	N/K
Solubility in Water	NIL
Chemical pH	N/K
Corrosion Rate	N/K
Container Type	F
Container Pressure Code	2
Temperature Code	4
Product State Code	G

SECTION IV - Fire and Explosion Hazard Data

Flash Point	-40
Flash Point Method	SCC
Lower Explosion Limit	N/K
Upper Explosion Limit	FLAMM GAS
Extinguishing Media	CO2, FOAM, DRY CHEMICAL, WATER SPRAY
Special Fire Fighting Procedures	WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF CONTAINED POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNKER COAT AND PANTS, HANDS AROUND ARMS, WAIST AND LEGS, FACE MASK, AND PROTECTIVE COVERING FOR

Unusual Fire/Explosion Hazards

EXPOSED AREAS OF THE HEAD.
WATER MAY NOT EFFECTIVELY
EXTINGUISH FIRE, HOWEVER, IT
SHOULD BE USED TO KEEP FIRE
EXPOSED CONTAINERS AND
SURFACES COOL AND PREVENT
EXPLOSIVE RUPTURE

CLOSED CONTAINERS EXPOSED TO
HEAT FROM FIRE MAY BUILD
PRESSURE AND EXPLODE. VAPORS
MAY TRAVEL LONG DISTANCES
ALONG THE GROUND OR FLOOR TO
AN IGNITION SOURCE AND FLASH
BACK

SECTION V - Reactivity Data

Stability	YES
Stability Conditions to Avoid	HEAT
Materials to Avoid	HEAT
Hazardous Decomposition Products	CARBON MONOXIDE AND CARBON DIOXIDE, ALDEHYDES, KETONES, HYDROCARBONS
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	WILL NOT OCCUR
LD50 - LD50 Mixture	N/K

SECTION VI - Health Hazard Data

Route of Entry: Skin	YES
Route of Entry: Ingestion	YES
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	[EYE] MODERATE EYE IRRITATION [SKIN] MILD IRRITATION [INHAL] INTENTIONAL CONCENTRATION AND INHALATION MAY BE HARMFUL OR FATAL. CNS DEPRESSION. UPPER RESPIRATORY IRRITATION
Carcinogenicity: NTP	N/K
Carcinogenicity: IARC	N/K
Carcinogenicity: OSHA	N/K
Explanation of Carcinogenicity	NONE
Symptoms of Overexposure	[EYE] REDNESS, SWELLING, PAIN, TEARING AND HAZY VISION [SKIN] REDNESS, SWELLING, ITCHING [INHAL] HEADACHE, DIZZINESS, DROWSINESS, INCOORDINATION, SLOWED REACTION TIME, SLURRED SPEECH, GIDDINESS AND UNCONSCIOUSNESS. SORENESS OF THE NOSE AND THROAT, COUGHING AND SNEEZING. [INGEST] PAIN

Medical Cond. Aggrevated by Exposure
Emergency/First Aid Procedures

VOMITING, ABDOMINAL
TENDERNESS, NAUSEA, BLOOD IN
VOMITUS, AND BLOOD IN FECES
N/K
[EYE] IMMEDIATELY FLUSH EYES
WITH LARGE AMOUNTS OF WATER.
GET IMMEDIATE MED ATTENTION
[SKIN] FLUSH SKIN WITH LARGE
AMOUNTS OF WATER. IF
IRRITATION PERSISTS, GET MED
ATTENTION [INHAL] REMOVE
PERSON TO FRESH AIR. IF NOT
BREATHING, GIVE ARTIFICIAL
RESPIRATION. IF BREATHING IS
DIFFICULT, GET IMMEDIATE MED
ATTEN [INGEST] DO NOT INDUCE
VOMITING. DRINK TWO GLASSES OF
WATER. CALL A PHYSICIAN

SECTION VII - Precautions for Safe Handling and Use

Steps if Material Released/Spilled

VENTILATE AREA. EXTINGUISH ALL
IGNITION SOURCES. COVER WITH
ABSORBENT MATERIAL. COLLECT
USING NON-SPARKING TOOLS.
PLACE IN A US DOT APPROVED
CONTAINER

Neutralizing Agent

NR

Waste Disposal Method

INCINERATE IN A PERMITTED HAZ
WASTE INCINERATOR IN THE
PRESENCE OF A COMBUSTIBLE
MATERIAL. FACILITY MUST BE
CAPABLE OF HANDLING AEROSOL
CANS. DISPOSE OF EMPTY CANS IN
A SANITARY LANDFILL. DISPOSE
OF COMPLETELY ABSORBED WASTE
PRODUCT IN A FACILITY
PERMITTED TO ACCEPT CHEMICAL
WASTES. RECYCLE EMPTY AE

Handling and Storage Precautions

STORE AT TEMPERATURES BELOW
120 F. STORE OUT OF DIRECT
SUNLIGHT. KEEP OUT OF THE
REACH OF CHILDREN

Other Precautions

NR

SECTION VIII - Control Measures

Respiratory Protection

AVOID BREATHING OF VAPORS,
MISTS OR SPRAY. SELECT ONE OF
THE FOLLOWING NIOSH APPROVED
RESPIRATORS BASED ON AIRBORNE
CONCENTRATION OF CONTAMINANTS
AND IN ACCORDANCE WITH OSHA
REGULATIONS: HALF-MASK ORGANIC

Ventilation	VAPOR RESPIRATOR DO NOT USE IN A CONFINED AREA. IF EXHAUST VENTILATION IS NOT ADEQUATE USE APPROPRIATE RESPIRATORY PROTECTION
Protective Gloves	AVOID PROLONGED/REPEATED CONTACT
Eye Protection	SAFETY GLASSES WITH SIDE SHIELDS
Other Protective Equipment	NR
Work Hygienic Practices	NR
Supplemental Health/Safety Data	NR

SECTION IX - Label Data

Protect Eye	YES
Protect Skin	YES
Protect Respiratory	YES
Chronic Indicator	YES
Contact Code	SLIGHT
Fire Code	UNKNOWN
Health Code	UNKNOWN
React Code	UNKNOWN
Specific Hazard and Precaution	TARGET ORGANS: CENTRAL NERVOUS SYSTEM, LIVER, KIDNEY

SECTION X - Transportation Data

Container Quantity	20
Unit of Measure	OZN

SECTION XI - Site Specific/Reporting Information

Volatile Organic Compounds (P/G)	3.2696
Volatile Organic Compounds (G/L)	391.8251

SECTION XII - Ingredients/Identity Information

Ingredient #	01
Ingredient Name	DIMETHYL ETHER (PROPELLANT) (50-60)
CAS Number	115106
Proprietary	NO
Percent	45
OSHA PEL	N/K
ACGIH TLV	N/K

Recommended Limit	CMRG:1000 PPM
Ingredient #	02
Ingredient Name	ACETIC ACID, METHYL ESTER
CAS Number	79209
Percent	35
Ingredient #	03
Ingredient Name	NONVOLATILE COMPONENTS- N.J.
	TRADE SECRET
CAS Number	1002
Percent	20
Ingredient #	04
Ingredient Name	CYCLOHEXANE
CAS Number	110827
Percent	13
Ingredient #	05
Ingredient Name	PENTANE
CAS Number	109660
Percent	5
Ingredient #	06
Ingredient Name	ETHANE, 1,1-DIFLUORO-
CAS Number	75376
Percent	5
Ingredient #	07
Ingredient Name	METHANOL
CAS Number	67561
Percent	0.4
