

PLASTODENT INC -- METHYL METHACRYLATE MONOMER (MMA), INHIBITE -- 6520-01-020-8270

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Product Identification  
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Product ID:METHYL METHACRYLATE MONOMER (MMA), INHIBITE

MSDS Date:01/01/1989

FSC:6520

NIIN:01-020-8270

MSDS Number: BNWRH

=== Responsible Party ===

Company Name:PLASTODENT INC

Address:2881 MIDDLETOWN RD

City:BRONX

State:NY

ZIP:10461

Country:US

Info Phone Num:212-792-3554

Emergency Ph

one Num:212-792-3554

Preparer's Name:NONE

CAGE:GO326

=== Contractor Identification ===

Company Name:PLASTODENT INC

Address:2881 MIDDLETOWN RD

City:BRONX

State:NY

ZIP:10461-5306

Country:US

Phone:609-893-1100

CAGE:GO326

Company Name:PLASTODENT INC.

Address:2881 MIDDLETON ROAD

Box:City:BRONX

State:NY

ZIP:10461-3306

Country:US

Phone:212-792-3554

CAGE:8P273

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

CAS:80-62-6

RTECS #:OZ5075000

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reaction by Wt: 100%  
Other REC Limits:NONE DETERMINED  
OSHA PEL:100 PPM  
ACGIH TLV:100 PPM; 9192  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION-MAY CAUSE NOSE & THROAT IRRITATION. MAY CAUSE NERVOUS SYSTEM DEPRESSION. REPORTS HAVE ASSOCIATED REPEATED & PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. SKIN OR EYE-MAY CAUSE IRRITATION OR BURNING OF THE EYES. REPEATED OR PROLONGED LIQUID CONTACT MAY IRRITATE THE SKIN.  
Effects of Overexposure:INHALATION-HEADACHE, DIZZINESS, NAUSEA, STAGGERING GAIT, CONFUSION, UNCONSCIOUSNESS. SKIN/EYE-BURNING OF THE EYES. SKIN DERMATITIS. OTHER POTENTIAL HAZARDS: IRRITATION OF THE MUCOUS MEMBRANES, SKIN BURNS, ALLERGIC SKIN RASH, ITCHING, SWELLING, CAUSES EYE CORROSION AND PERMANENT INJURY, ABNORMAL LIVER & KIDNEY FUNCTION.  
Medical Condition Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. IF NOT BREATHING GIVE CPR; IF BREATHING DIFFICULTY PERSISTS CONSULT A PHYSICIAN. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MIN. CALL A PHYSICIAN. SKIN: WASH W/SOAP & WATER. IF IRRITATION OCCURS,CONSULT PHYSICIAN. INGESTION-GASTRO-INTESTINAL DISTRESS. IN THE UNLIKELY EVENT OF INGESTION, CALL A PHYSICIAN IMMEDIATELY & KNOW NAME OF INGREDIENTS.

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

Flash Point Method:TCC  
Flash Point:51.0F,10.6C  
Lower Limits:1.8%  
Upper Limits:8.2%  
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATERFOG (BY TRAINED PERSONNEL).  
Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS, IS RECOMMENDED. WATER FROM FOG NOZZLE MAY BE USED TO PREVENT PRESSURE BUILD-UP.  
Unusual Fire

re/Explosion Hazard:WHEN HEATED ABOVE FLASHPOINT, EMITS  
FLAMMABLE VAPORS, WHEN MIXED WITH AIR, CAN BURN OR EXPLODE. FINE  
MIST/SPRAYS MAY BE FLAMMABLE BELOW FLASH. VAPORS FLASHBACK.

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

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF  
IGNITION.PREVENT SKIN CONTACT AND BREATHING OF VAPORS. CONFINE AND  
REMOVE WITH INERT ABSORBENT. DO NOT ALLOW MATERIAL TO CONTAMINATE  
GROUND WATER SYSTEMS.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS, FLAME,  
DIRECT SUNLIGHT & ELEVATED TEMPERATURES. CLOSE CONTAINERS AFTER  
EACH USE. GROUND CONTAINER WHEN POURING.

Other Precautions:PERMIT AIR SPACE TO EXIST INSIDE STORAGE CONTAINERS.  
MATERIAL STORED MORE THAN 3 MONTHS SHOULD HAVE INHIBITOR LEVEL  
CHECKED AND MAINTAINED AT ORIGINAL LEVELS.

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

Respiratory Protection:DO NOT BREATHE VAPORS OR MISTS. WHEN LEVELS  
EXCEED 100 PPM, WEAR SELF-CONTAINED BREATHING APPARATUS. FOLLOW THE  
RESPIRATOR MANUFACTURERS DIRECTIONS FOR RESPIRATOR USE.

Ventilation:SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP  
CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS/OTHER EXPOSURE  
LIMIT.

Protective Gloves:NEOPRENE GLOVES.

Eye Protection:GOGGLES, SAFETY GLASSES W/SPLASH GUARDS.

Other Protective Equipment:EYEWASH, SAFETY SHOWER, COVERALLS, AND BOOTS  
ARE RECOMMENDED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE  
EATING OR SMOKING.

Supplemental Safety and Health

PROTECTIVE CREAMS: DO NOT USE FOR PROTECTION. MAY BE USED FOR EASE OF  
CLEANUP. AQUATIC TOXICITY: ESTIMATE OF 96 HR. MEDIAN THRESHOLD  
LIMIT: 100-1000 PPM.\*\*\*THIS MATERIAL IS A TWO PART KIT. THIS IS PART  
"B" OF THE KIT.

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

HCC:F2

Boiling Pt:B.P. Text:214F,101C

Vapor Density:3.46 @60F

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pec Gravity:0.950 GR/CC  
Solubility in Water:1.6 GR/100GR WATER  
Appearance and Odor:LIQUID.  
Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES  
REDUCING & OXIDIZING AGENTS. MATERIAL HAS STRONG SOLVENT ACTION & CAN  
SOFTEN PAINT & RUBBER.  
Stability Condition to Avoid:HEAT AND IGNITION SOURCES; CONTAMINATION.  
Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
SMOKE.

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=== Disposal Considerations =====

Waste Disposal Methods:INCINERATE IN A FACILITY WHICH COMPLIES WITH  
FEDERAL, STATE AND LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED  
CONTAINERS. EPA LISTED HAZARDOUS WASTE UNDER RCRA(U-162).

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