

THERMOSET PLASTICS, INC. -- THERMOSET 101 RESIN -- 8040-00-760-5999

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Product Identification
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Product ID:THERMOSET 101 RESIN

MSDS Date:07/09/1990

FSC:8040

NIIN:00-760-5999

Kit Part:Y

MSDS Number: BGWRX

=== Responsible Party ===

Company Name:THERMOSET PLASTICS, INC.

Address:5101 EAST 65TH STREET

Box:20902

City:INDIANAPOLIS

State:IN

ZIP:46220-0902

Country:US

Info Phone Num:317-252-8430(DAY)

Emergency Phone Num:317-259-4161(DAY) 769-3259(NIGHT)

Preparer's Name:DON BILLHEIMER

CAGE:IO099

=== Contractor Identification ===

Company Name:THERMO PLASTICS, INC.

Address:5101 EAST 65TH STREET

Box:20902

City:INDIANAPOLIS

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ZIP:46220-0902

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Phone:317-259-4161(DAY) 769-3259(NIGHT)

CAGE:22156

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Composition/Inf

ormation on Ingredients =====

Ingred Name:EPOXY RESIN
Fraction by Wt: 100%

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS >5000 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MILDLY IRRITATING TO SKIN. PROLONGED
OR REPEATED SKIN CONTACT MAY RESULT IN SENSITIZATION IN A FEW
INDIVIDUALS.

Explanation of Carcinogenicity:NON
E OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:INHALATION:NOT LIKELY A PROBLEM. INGESTION:
NONE KNOWN TO MANUFACTURER. EYES/SKIN: MAY CAUSE SLIGHT IRRITATION
UPON CONTACT. COMPONENTS ARE UNLIKELY TO BE ABSORBED THROUGH SKIN
IN HARMFUL CONCENTRATIO N BUT MAY CAUSE IRRITATION.

Medical Cond Aggravated by Exposure:RESIN MAY ENHANCE EXISTING ALLERGIC
CONDITIONS ON CERTAIN PEOPLE.

===== First Aid Measu
res =====

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING.WASH WITH SOAP AND
WATER.CALL A PHYSICIAN IF IRRITATION PERSISTS. INHALATION: NOT
LIKELY A PROBLEM.REMOVE TO FRESH AIR IF NECESSARY. EYES:
IMMEDIATELY FLUSH WITH WAT ER FOR 15 MINUTES WHILE HOLDING
EYELIDSOPEN.GET MEDICAL HELP. INGESTION:DO NOT INDUCE VOMITING.IN
GENERAL,NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES ARE
INGESTED, HOWEVER, GET MEDICAL ADVICE.

===== Fire Fightin
g Measures =====

Flash Point Method:PMCC
Flash Point:480.0F,248.9C

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

===== Acciden

tal Release Measures =====

Spill Release Procedures:USE APPROPRIATE PROTECTIVE & SAFETY GEARS.
SMALL SPILL:MOP UP OR SOAK UP WITH NON-COMBUSTIBLE INORGANIC
ABSORBENT.PLACE IN DOT DRUMS. LARGE SPILL:CONTAIN BY DIKING WITH
SUITABLE ABSORBENT.PUMP LIQ TO SALVAGE TANK.TRANSFER ABSORBED
WASTE INDOT DRUMS.

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

Handling and Storage Precautions:STORE IN A DRY,COOL,AND VENTILATED
AREA.DO NOT STORE IN DIR
ECT SUNLIGHT.KEEP CONTAINERS TIGHTLY CLOSED
WHEN NOT IN USE.PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:THE SELECTION OF PERSONAL PROTECTIVE EQUIPMENT SHOULD
BE MADE BY THE MATERIAL USER BASED ON THE PARTICULAR CONDITIONS
WHERE THE MATERIAL IS TO BE USED TOGETHER WITH INFORMATION
CONTAINED IN THIS MSDS.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXPOSURES BELOW PEL(TLV), USE NIOS
H/MSHA APPROVED RESPIRATORS AS
PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND
NIOSH-RESPIRATOR DECISION LOGIC-PUBL ICATION NUMBER 87.108.

Ventilation:ROOM EXHAUST ACCEPTABLE.

Protective Gloves:RUBBER OR PLASTIC RUBBER

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.
INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER EACH USE. AVOID SKIN
CONTACT. DO NOT EAT,DRINK O
R SMOKE IN WORK AREA.AVOID BREATHING OF
VAPORS.

Supplemental Safety and Health

ITEM IS A TWO PARTS KIT WHICH CONSISTS OF RESIN AND CATALYST. THIS
ENTRY IS OF THERMOSET 101 RESIN. CATALYST UNDER SEPARATE ENTRY.

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

HCC:N1

Boiling Pt:B.P. Text:>500F,>260C

Vapor Pres:NEGLIGIBLE

Spec Gravity:1.46

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE VISCOUS LIQUID. NO ODOR.

Percent Volatiles by Volume:NIL

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= Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG ACIDS AND BASES

Stability Condition to Avoid: HIGH TEMPERATURES OR MOISTURE
CONTINUATION.

Hazardous Decomposition Products: CARBON MONOXIDE, ALDEHYDES AND ACIDS
MAY BE FORMED DURING COMBUSTION.

Conditions to Avoid Polymerization: WILL REACT EXOTHERMICALLY WHEN MIXED
WITH ALIPHATIC AMINES, LEWIS ACIDS AND MERCAPTAN CURING AGENTS.

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

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Waste Disposal Methods: WASTE MAY BE BURNT IN AN APPROVED INCINERATOR OR
DISPOSED OF IN AN APPROVED LANDFILL IN ACCORDANCE WITH ALL
APPLICABLE LOCAL, STATE & FEDERAL LAWS. EMPTY CONTAINERS CAN HAVE
RESIDUES. CONTAMINATED MATERIALS AND EMPTY CONTAINERS ARE SUBJECT
TO DISPOSAL.

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