FOR COATINGS, RESINS, AND RELATED MATERIALS
(APPROVED BY THE U.S. DEPARTMENT OF LABOR AS
'ESSENTIALLLY SIMILAR' TO FORM OSHA-20)
(MEETS REQUIREMENTS OF CFR 29 PART 1910.1200,
OSHA'S HAZARD COMMUNICATION STANDARD) NPCA 1-84

SECTION 1 - MANUFACTURER AND PRODUCT INFORMATION

CHEMICAL PRODUCT IDENTIFICATION:
PRODUCT ID . . . . . : B066-00668 5G
PRODUCT CLASS . . . . . : EPOXY
TRADE NAME . . . : F65/66/160/161 CONVERTER
FORMULA ID . . . . . : F066-00668
FORMULA VERSION NUMBER . . . . . : 2
MSDS PREPARATION DATE . . . . . : 01-22-98
MANUFACTURER IDENTIFICATION:
NAME . . . . . : TNEMEC COMPANY, INC.
ADDRESS . . . . . : 123 WEST 23RD AVENUE
NORTH KANSAS CITY, MO. 64116-3064
TELEPHONE . . . . . : 816-474-3400
EMERGENCY TELEPHONE . . . . . : 816-474-1425

SECTION 2 - HAZARDOUS INGREDIENTS

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1 MAGNESIUM SILICATE
CAS# 14807-96-6
TALC (NO ASBESTOS FIBERS/RESPIRABLE DUST)
PCT BY WT: 33.7650
EXPOSURE LIMIT:
ACGIG TVL/TWA: 0002.000 MG/M3
OSHA PEL/TWA: 0002.000 MG/M3

2

BISPHENOL A TYPE EPOXY RESIN
PCT BY WT: 11.3380
EXPOSURE LIMIT:

3

BISPHENOL A TYPE EPOXY RESIN
PCT BY WT: 26.5720
EXPOSURE LIMIT:

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4 XYLENE
CAS# 1330-20-7
DIMETHYLBENZENE
PCT BY WT: 10.7220 VAPOR PRESSURE: 5.100 MMHG @ 68F
EXPOSURE LIMIT:
ACGIG TVL/TWA: 0100.000 PPM
ACGIH TLV/STEL: 0150.000 PPM
OSHA PEL/TWA: 0100.000 PPM
OSHA STEL: 0150.000 PPM

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5 HEXONE
CAS# 108-10-1
METHYL ISOBUTYL KETONE
PCT BY WT: 16.1580 VAPOR PRESSURE: 16.000 MMHG @ 68F
EXPOSURE LIMIT:

ACGIG TVL/TWA:	0050.000	PPM
ACGIH TLV/STEL:	0075.000	PPM
OSHA PEL/TWA:	0050.000	PPM
OSHA STEL:	0075.000	PPM

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This substance contains a material classified as a hazardous air pollutant.
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This product contains no reported carcinogens or suspected carcinogens.
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This product contains pigment dusts which may be released when subjected to abrasive blasting, sanding, or grinding.
The information contained in this section is considered confidential and proprietary and should be used only for safety and health purposes.

SECTION 3 - HEALTH HAZARD INFORMATION

EMERGENCY OVERVIEW:
POTENTIAL HEALTH EFFECTS:
EYE:
Severe irritation.
Redness, tearing, blurred vision.
SKIN:
Moderate irritation, drying of skin, defatting and possible dermatitis.
Allergic skin responses.
Can be a skin sensitizer.
INHALATION - OVEREXPOSURE TO SOLVENT VAPORS OR SPRAY MIST:
Nasal and respiratory irritation, anesthetic effects, dizziness, possible unconsciousness and asphyxiation, stupor, weakness, fatigue, nausea, and headache.
INHALATION - OVEREXPOSURE TO FREE PIGMENT DUST:
Coughing, wheezing, shortness of breath, restricted nasal passages, lung injury.
INGESTION:
Gastrointestinal irritation, nausea, vomiting, diarrhea, death, aspiration into the lungs which can be fatal.
CHRONIC EFFECTS:
Prolonged contact or repeated overexposure to some epoxy compounds may result in permanent skin sensitization in susceptible individuals.
NOTICE: Reports have associated repeated and prolonged occupational

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overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the vapors may be harmful or fatal.
Prolonged or repeated contact with skin may cause primary irritation, dermatitis, or allergic skin reactions.
TARGET ORGANS:
Can cause eye irritation.
Can cause lung damage.
Can cause skin sensitization.
Can cause skin irritation.
Can cause respiratory tract irritation.
Can cause gastrointestinal tract irritation.
Can cause liver damage.
Can cause kidney damage.
Can cause nervous system effects.
OTHER:
This product when mixed with other components acquires the hazards of all components.
PRIMARY ROUTES OF ENTRY:
Dermal and Inhalation.
PROPOSITION 65:
Pigments and/or other raw materials present in this product contain trace amounts of a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

SECTION 4 - FIRST AID MEASURES

EYE CONTACT:
Flush immediately with large amounts of clean water under low pressure for at least 15 minutes. Consult a physician.
SKIN CONTACT:
Wash affected area with soap and water. Remove contaminated clothing. Dispose of or launder accordingly. Consult a physician if skin irritation persists.
INHALATION:
Remove affected individual to fresh air. Treat symptomatically. If breathing is difficult, administer oxygen. If breathing has stopped give artificial respiration. Consult a physician.
INGESTION:
Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult a physician or poison control center IMMEDIATELY. Treat symptomatically.
NOTE TO PHYSICIAN:
Exposure may aggravate persons with eczema, skin sensitization, or other chronic skin disorders and allergies.

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SECTION 5 - FIRE AND EXPOLSION HAZARD DATA

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL:

Flammability Classification	:	
Flashpoint	:	64.00
Explosion Level	:	Low - 1.00
		High - -N/A
Flammability Limits	:	Lower - -N/A
		Higher - -N/A
Auto-ignition Temperatures	:	-N/A

EXTINGUISHING MEDIA:
Foam, carbon dioxide, and dry chemical.
FIRE-FIGHTING PROCEDURES AND EQUIPMENTS:
Keep away from heat, open flames, sparks, and areas where static charge may be generated. Do not apply to hot surfaces due to possible fire and explosion risk. For closed containers, pressure build-up and possible explosion might occur due to extreme heat exposure. Solvent vapors are heavier than air and may travel considerable distance to a source of ignition and flash back. Water may be used to cool unruptured containers. Wear self-contained breathing apparatus with a full facepiece operated in pressure-demand or other positive pressure mode to prevent inhalation of hazardous decomposition products. Use appropriate extinguishing media to control fire. Water may cause violent frothing if sprayed directly into containers of burning liquid.

SECTION 6 - SPILL OR LEAK PROCEDURES

CLEAN-UP:
Remove all sources of ignition. Spills may be collected with inert, absorbent material for proper disposal. Use non-sparking tools, protective gloves, goggles and clothing, adequate ventilation, avoid the breathing of vapors and use respiratory protective devices. Transfer absorbent material to suitable containers for proper disposal.

SECTION 7 - SPECIAL PRECAUTIONS

HANDLING AND STORAGE:
Store in dry area. Keep closures tight and upright to prevent leakage. Do not store in high temperature areas or near fire or open flame. Refer to product data sheet for recommended storage temperatures.
SPECIAL COMMENTS:
Prevent prolonged breathing of airborne contaminants such as vapor, spray mists, or dusts. Prevent contact with skin and eyes. Do not take internally. Keep out of reach of children. Do not reuse or alter containers without proper industrial cleaning. Do not weld or flame cut