SAFETY DATA SHEET



1. Identification

Product identifier Pennguard™ HP Epoxy Primer Hardener Part B

Other means of identification None.

Recommended use Not available. **Recommended restrictions** None known.

Manufacturer/Importer/Supplier/Distributor information

ErgonArmor, a division of Ergon Asphalt & Emulsions, Inc. **Company Name**

Address 2829 Lakeland Drive Jackson, MS 39232

After hours telephone

number

Normal work hours telephone number

1-877-982-7667

1-800-222-7122

Website www.ergonarmor.com E-mail sds@ergon.com

Emergency 24-hour telephone number

CHEMTREC: North America 1-800-424-9300 International 1-800-527-3887

Information on operation

hours

8:00 a.m. to 5:00 p.m.

2. Hazard(s) identification

Physical hazards Flammable liquids Category 3 **Health hazards** Acute toxicity, oral Category 4 Acute toxicity, inhalation Category 4 Skin corrosion/irritation Category 1 Serious eye damage/eye irritation Category 1

Sensitization, skin Category 1

Specific target organ toxicity, single exposure Category 3 respiratory tract irritation

Specific target organ toxicity, single exposure Category 3 narcotic effects

Environmental hazards Not classified. **OSHA** defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Flammable liquid and vapor. Harmful if swallowed. Harmful if inhaled. Causes severe skin burns

and eye damage. Causes serious eye damage. May cause an allergic skin reaction. May cause

respiratory irritation. May cause drowsiness or dizziness.

Precautionary statement

Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with Response

water/shower. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Immediately call a POISON CENTER/doctor. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. In case of fire: Use appropriate media to extinguish. Wash contaminated clothing before reuse.

Store locked up. Store in a well-ventilated place. Keep cool. Keep container tightly closed. Storage

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise Static accumulating flammable liquid can become electrostatically charged even in bonded and classified (HNOC) grounded equipment. This material is a static accumulator. May form flammable/explosive

vapour-mixture. If sufficient charge is allowed to accumulate, electrostatic discharge and ignition

of flammable air-vapour mixtures can occur.

Supplemental information

3. Composition/information on ingredients

Mixtures

Ingestion

Chemical name	Common name and synonyms	CAS number	%
BISPHENYL EPOXY CURING AG	ENT	N/A	40 - 50
METHYL AMYL KETONE		110-43-0	40 - 50
1-BUTANOL		71-36-3	< 10

4. First-aid measures

Inhalation Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison

center or doctor/physician if you feel unwell. Immediately remove from further exposure. Get immediate medical assistance. For those providing assistance, avoid exposure to yourself or others. Use adequate respiratory protection. Give supplemental oxygen, if available. If breathing has stopped, assist ventilation with a mechanical device. Do not use mouth-to-mouth method if victim inhaled the substance. If unconscious, place in recovery position and get medical attention immediately. Maintain open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

Skin contact Wash skin thoroughly with soap and water. Immediately remove contaminated clothing. Get

medical attention if irritation develops and persists. Wash contaminated clothing before reuse.

Eye contact Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

> Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. If unconscious, place in a recovery position and get medical attention immediately. Maintain an open airway. Do not use mouth-to-mouth method if victim ingested the substance. Aspiration hazard if swallowed. Can enter lungs and cause damage. Get medical

advice/attention if you feel unwell.

Most important symptoms/effects, acute and delayed

Auditory system effects may include temporary hearing loss and/or ringing in the ears. Symptoms of overexposure can include shortness of breath, drowsiness, headaches, confusion, decreased coordination, visual disturbances and vomiting, and are reversible if exposure is stopped. Defatting of the skin. May cause skin dryness or cracking. Blisters. Swelling. Wheezing. May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause redness and pain. Irritating to mouth, throat, and stomach. Skin irritation.

Indication of immediate medical attention and special treatment needed

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately. Induction of emesis (vomiting) is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position. Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. If you feel unwell, seek medical advice (show the label where possible).

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media

Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

Vapors may form explosive mixtures with air. If sufficient charge is accumulated, ignition of flammable mixtures can occur. During fire, gases hazardous to health may be formed. Fire may produce irritating, corrosive and/or toxic gases. Do not use forced stream as this could cause fire to spread.

Special protective equipment and precautions for firefighters

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection.

Fire fighting equipment/instructions

In case of fire and/or explosion do not breathe fumes. ALWAYS stay away from tanks engulfed in flame. Move containers from fire area if you can do so without risk. In the event of fire, cool tanks with water spray.

Specific methods
General fire hazards

In the event of fire and/or explosion do not breathe fumes.

Flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways. Ventilate area and avoid breathing vapors or mist.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground. Do not allow the spilled product to enter public drainage systems or open watercourses.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not taste or swallow. Avoid breathing mist/vapors. When using, do not eat, drink or smoke. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices. Avoid contact with eyes and prolonged or repeated contact with skin.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry place. Store locked up. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in tightly closed container. Avoid heat, sparks, open flames and other ignition sources. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)			
Components	Туре	Value	
1-BUTANOL (CAS 71-36-3)	PEL	300 mg/m3	
		100 ppm	
METHYL AMYL KETONE (CAS 110-43-0)	PEL	465 mg/m3	

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components Type Value
100 ppm

US. ACGIH Threshold Limit Values

Components	Туре	Value	
1-BUTANOL (CAS 71-36-3)	TWA	20 ppm	
METHYL AMYL KETONE (CAS 110-43-0)	TWA	50 ppm	

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Туре	Value	
1-BUTANOL (CAS 71-36-3)	Ceiling	150 mg/m3	
		50 ppm	
METHYL AMYL KETONE (CAS 110-43-0)	TWA	465 mg/m3	
		100 ppm	

Biological limit values No biological exposure limits noted for the ingredient(s).

Exposure guidelines

US - California OELs: Skin designation

1-BUTANOL (CAS 71-36-3) Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

1-BUTANOL (CAS 71-36-3) Skin designation applies.

US - Tennessee OELs: Skin designation

1-BUTANOL (CAS 71-36-3) Can be absorbed through the skin.

US NIOSH Pocket Guide to Chemical Hazards: Skin designation

1-BUTANOL (CAS 71-36-3) Can be absorbed through the skin.

Appropriate engineering controls

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Explosion-proof general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical goggles and face shield are recommended.

Skin protection

Hand protection Wear appropriate chemical resistant gloves. Nitrile, butyl rubber or neoprene gloves are

recommended.

Other Wear suitable protective clothing. Use of an impervious apron is recommended. Plastic or rubber

gloves, apron and boots.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate

certified respirators.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and

protective equipment to remove contaminants.

9. Physical and chemical properties

Appearance Clear.
Physical state Liquid.
Form Liquid.
Color Amber.

Odor Organic Solvent.
Odor threshold Not available.
PH Not available.
Melting point/freezing point Not available.
Initial boiling point and boiling range

Not available.

Flash point 95.0 °F (35.0 °C) Tag Closed Cup

Evaporation rate0.5 estimated **Flammability (solid, gas)**Not applicable. **Upper/lower flammability or explosive limits**

Explosive limit - lower

(%)

Explosive limit - upper

(%)

Not available.

1.4 %

Vapor pressureNot available.Vapor densityNot available.Relative densityNot available.

Solubility(ies)

Solubility (water) Not available.

Partition coefficient Not available.

(n-octanol/water)

Auto-ignition temperature > 930.2 °F (> 499 °C)

Decomposition temperature Not available. **Viscosity** Not available.

Other information

Percent volatile

Specific gravity

7.50 lb/gal estimated

50 - 60 % estimated

0.9 estimated

VOC 3.9 lb/gal estimated

10. Stability and reactivity

ReactivityThe product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability S

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the

flash point. Contact with incompatible materials.

Incompatible materials Perc

Hazardous decomposition

products

Peroxides. Sodium Hypochlorite. Acids. Strong oxidizing agents.

No decomposition products are expected to form during normal storage. Upon decomposition, this

product emits oxides of sulfur, carbon monoxide, carbon dioxide and/or low molecular weight

hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

Inhalation Headache. Nausea, vomiting. Vapors have a narcotic effect and may cause headache, fatique,

dizziness and nausea. Harmful if inhaled. May cause irritation to the respiratory system.

Skin contact Causes severe skin burns and eye damage. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

Ingestion May be harmful if swallowed. Irritating to mouth, throat and stomach.

Symptoms related to the physical, chemical and toxicological characteristics Contact may cause redness, burning, drying, and cracking of the skin, and skin damage. May cause drowsiness or dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Irritating to mouth, throat, and

stomach.

Information on toxicological effects

Acute toxicity Harmful if inhaled. Harmful if swallowed.

Product Species Test Results

Pennguard™ HP Epoxy Primer Hardener Part B

<u>Acute</u> Dermal

LD50 Rabbit 23320 mg/kg

Components **Species Test Results**

1-BUTANOL (CAS 71-36-3)

Acute Dermal

LD50 Rabbit 3400 mg/kg

Oral

LD50 Rat 790 mg/kg

METHYL AMYL KETONE (CAS 110-43-0)

Acute Dermal

LD50 Rabbit 12600 mg/kg

Oral

LD50 Rat 1.67 g/kg

Skin corrosion/irritation Causes severe skin burns and eye damage.

Serious eye damage/eye

irritation

Causes serious eye damage.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization Corrosive to skin and eyes. May cause an allergic skin reaction.

No data available to indicate product or any components present at greater than 0.1% are Germ cell mutagenicity

mutagenic or genotoxic.

Carcinogenicity

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

Reproductive toxicity Not available.

Specific target organ toxicity

- single exposure

May cause drowsiness or dizziness. May cause irritation to the respiratory system.

Specific target organ toxicity

- repeated exposure

May cause damage to organs through prolonged or repeated exposure. Ears.

Aspiration hazard Not available.

Chronic effects Prolonged exposure may cause chronic effects.

Further information Symptoms may be delayed.

12. Ecological information

Ecotoxicity Components of this product are hazardous to aquatic life. Accumulation in aquatic organisms is

expected. Harmful to aquatic life with long lasting effects.

Product Test Results Species

Daphnia

Pennguard™ HP Epoxy Primer Hardener Part B

EC50

Aquatic

Crustacea EC50 15007.9111, 48 hours Daphnia Fish LC50 Fish 481.4012, 96 hours

Acute Crustacea

LC50 221.6749, 96 hours estimated Fish Fish

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21077.7773, 48 hours estimated

^{*} Estimates for product may be based on additional component data not shown.

Components Species Test Results

1-BUTANOL (CAS 71-36-3)

Aquatic

Acute

Crustacea EC50 Water flea (Daphnia magna) >= 1897 - <= 2072 mg/l, 48 hoursFish LC50 Bluegill (Lepomis macrochirus) >= 100 - <= 500 mg/l, 96 hours

METHYL AMYL KETONE (CAS 110-43-0)

Aquatic

Acute

Fish LC50 Fathead minnow (Pimephales promelas) >= 126 - <= 137 mg/l, 96 hours

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

1-BUTANOL 0.88
METHYL AMYL KETONE 1.98

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation

potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Dispose of this material and its container to hazardous or special waste collection point. Incinerate

the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code D001: Waste Flammable material with a flash point <140 F

The waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Waste from residues /

unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

Contaminated packagingSince emptied containers may retain product residue, follow label warnings even after container is

emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container. Recycle empty drums at an appropriate facility in accordance with current applicable laws and regulations, and product characteristics at time of disposal. Ensure drums are tightly

sealed.

14. Transport information

DOT

UN number UN1263

UN proper shipping name Paint related material including paint thinning, drying, removing, or reducing compound

Transport hazard class(es)

Class 3
Subsidiary risk Label(s) 3
Packing group III

Special precautions for

user

Read safety instructions, SDS and emergency procedures before handling.

Special provisions B1, B52, IB3, T2, TP1, TP29

Packaging exceptions 150
Packaging non bulk 173
Packaging bulk 242

IATA

UN number UN1263

UN proper shipping name Paint related material (including paint thinning or reducing compounds)

Transport hazard class(es)
Class 3

^{*} Estimates for product may be based on additional component data not shown.

Subsidiary risk Packing group III
Environmental hazards No.
ERG Code 3L

Special precautions for

user

Read safety instructions, SDS and emergency procedures before handling.

Passenger and cargo

aircraft

Other information

Allowed with restrictions.

Cargo aircraft only

Allowed with restrictions.

IMDG

UN number UN1263

UN proper shipping name PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and

liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing

compound)

Not established.

Transport hazard class(es)

Class 3
Subsidiary risk Packing group III
Environmental hazards

Marine pollutant No. EmS F-E, S-E_

Special precautions for

ıser

Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

DOT



IATA; IMDG



15. Regulatory information

US federal regulations All components are on the U.S. EPA TSCA Inventory List.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard,

One or more components of the mixture are not on the TSCA 8(b)

29 CFR 1910.1200.

inventory or are designated

inventory or are designated "inactive".

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

Toxic Substances Control Act (TSCA)

CERCLA Hazardous Substance List (40 CFR 302.4)

1-BUTANOL (CAS 71-36-3) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous Yes

chemical

Classified hazard Flammable (gases, aerosols, liquids, or solids)

categories Acute toxicity (any route of exposure)

Skin corrosion or irritation

Serious eye damage or eye irritation Respiratory or skin sensitization

Specific target organ toxicity (single or repeated exposure)

SARA 313 (TRI reporting)

 Chemical name
 CAS number
 % by wt.

 1-BUTANOL
 71-36-3
 < 10</td>

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act Contains component(s) regulated under the Safe Drinking Water Act.

(SDWA)

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

1-BUTANOL (CAS 71-36-3) Low priority

METHYL AMYL KETONE (CAS 110-43-0)

Other Flavoring Substances with OSHA PEL's

US state regulations

California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

^{*}A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

16. Other information, including date of preparation or last revision

Issue date 07-12-2022

Version # 01

Further information HMIS® is a registered trade and service mark of the NPCA.

Material name: Pennguard™ HP Epoxy Primer Hardener Part B 5480 Version #: 01 Issue date: 07-12-2022

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

NFPA ratings Health: 3

Flammability: 3 Instability: 0

References ACGIH

EPA: AQUIRE database

NLM: Hazardous Substances Data Base

US. IARC Monographs on Occupational Exposures to Chemical Agents

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge,

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any

other materials or in any process, unless specified in the text.

Revision information Composition / Information on Ingredients: Ingredients

Material name: Pennguard[™] HP Epoxy Primer Hardener Part B 5480 Version #: 01 Issue date: 07-12-2022