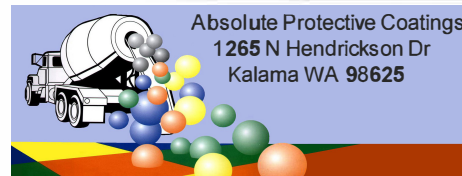


SAFETY DATA SHEET

PK-3 "B"

Version 1.0 / US
Revision date 09/01/2015
Print Date 09/01/2015
Page 1 / 11



1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : PK-3

1.2. Recommended use of the chemical and restrictions on use

Recommended use : Curing Agent

Non-recommended use(s) : None known.

1.3. Details of the supplier of the safety data sheet

Company : Absolute Protective coatings
1265 N Hendrickson Dr
Kalama, WA 98625

Telephone : 1-360-673-6404

E-mail : absoluteconcretecolors@gmail.com

1.4. Emergency telephone number

Emergency information

24 HOUR EMERGENCY TELEPHONE NUMBERS:
CHEMTREC - US & CANADA toll free: +1-800-424-9300
Technical Support: 1-360-261-3166

2. Hazards identification

2.1. Classification of the substance or mixture

GHS classification in accordance with 29 CFR 1910.1200

Serious eye damage

Category 1

H318

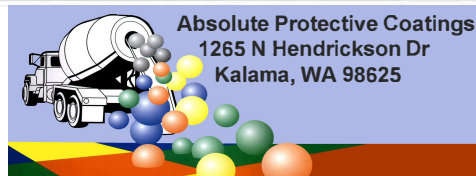
2.2. Label elements

SAFETY DATA SHEET

PK-3 "B"

Version
Revision date
Print Date
Page

1.0 / US
09/01/2015
09/01/2015
2 / 11



GHS classification in accordance with 29 CFR 1910.1200

Symbol(s)



Signal word : Danger

hazard statement : H318 - Causes serious eye damage.

Precautionary Statement (Prevention) : P280 - Wear eye protection/ face protection.

Precautionary Statement (Response) : P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor.

2.3. Other hazards

None known.

3. Composition/information on ingredients

3.1. Substances

-

3.2. Mixtures

Hazardous components

Chemical Name	NJ Trade secrets CAS-No.	Concentration	Classification
Polyamine - epoxy resin adduct	- -	70 %	H318, 1, Eye Dam.

Texts of H phrases, see in Chapter 16

4. First aid measures

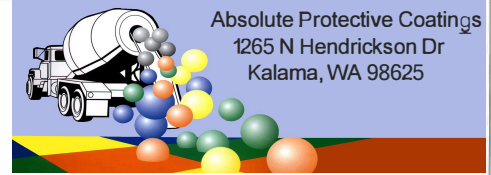
4.1. Description of first aid measures

- General advice : Seek medical advice.
If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Inhalation : Move to fresh air. If breathing has stopped or is labored, give assisted respirations. Supplemental oxygen may be indicated. If the heart has stopped, trained personnel should begin cardiopulmonary resuscitation immediately.
- Skin contact : Take off contaminated clothing and shoes immediately.
Wash contaminated clothing before re-use.
Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash off immediately with plenty of water for at least 15 minutes.
Immediately remove contaminated clothing, and any extraneous chemical, if possible to do so without delay.
- Eye contact : Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Remove contact lenses.
Care should be taken not to rinse contaminated water into the unaffected eye. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

SAFETY DATA SHEET

PK-3 "B"

Version **1.0 / US**
Revision date **09/01/2015**
Print Date **09/01/2015**
Page **3 / 11**



Ingestion : Remove contact lenses.
: Prevent aspiration of vomit. Turn victim's head to the side. Never give anything by mouth to an unconscious person.
If a person vomits when lying on his back, place him in the recovery position.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms : Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause:
Sore throat.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO2)
Dry chemical
Dry sand
Limestone powder
Alcohol-resistant foam

Unsuitable extinguishing media : no data available

5.2. Special hazards arising from the substance or mixture

Incomplete combustion may form carbon monoxide.
May generate ammonia gas.
May generate toxic nitrogen oxide gases.
Burning produces noxious and toxic fumes.
Downwind personnel must be evacuated.

5.3. Advice for firefighters

Use personal protective equipment.
Wear self-contained breathing apparatus for firefighting if necessary.
Avoid contact with skin.
A face shield should be worn.
Do not allow run-off from fire fighting to enter drains or water courses.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Wear suitable protective clothing, gloves and eye/face protection.
Use self-contained breathing apparatus and chemically protective clothing.

6.2. Environmental precautions

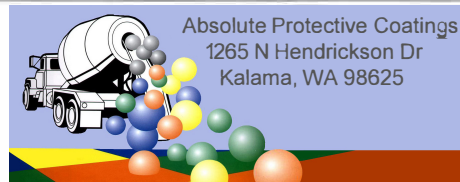
Construct a dike to prevent spreading.
Try to prevent the material from entering drains or water courses.
Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

SAFETY DATA SHEET

PK-3 "B"

Version 1.0 / US
 Revision date 09/01/2015
 Print Date 09/01/2015
 Page 4 / 11



Place in appropriate chemical waste container. Collect run-off water and transfer to drums or tanks for later disposal.

Full face shield with goggles underneath. Call Emergency Response number for advice.
 Approach suspected leak areas with caution.

If possible, stop flow of product.

Full face shield with goggles underneath.

Open enclosed spaces to outside atmosphere.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Use personal protective equipment.

Emergency showers and eye wash stations should be readily accessible.
 Adhere to work practice rules established by government regulations.
 Use only in well-ventilated areas.
 Avoid contact with eyes.
 Avoid breathing vapors and/or aerosols.

Hygiene measures : Provide readily accessible eye wash stations and safety showers.

General protective measures : Discard contaminated leather articles.
 Wash hands at the end of each workshift and before eating, smoking or using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Prevention of fire and explosion

Information : No special measures required.

Storage

Information : Product may partially freeze with extended exposure to cold temperatures, resulting in crystallization, haziness or separation. If this occurs, product should be warmed to 100-140°F (38-60°C) for one hour and stirred until clear. Do not store near acids. Keep containers tightly closed in a dry, cool and well-ventilated place.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit(s)

Ingredients	CAS-No.	Statutory basis/list (Update)	Value type (Form of exposure; Expressed as)	Value	Short-term
Mixture					

8.2. Exposure controls

Engineering controls

Appropriate engineering controls : Provide readily accessible eye wash stations and safety showers.
 Provide natural or explosion-proof ventilation adequate to ensure concentrations are kept below exposure limits.

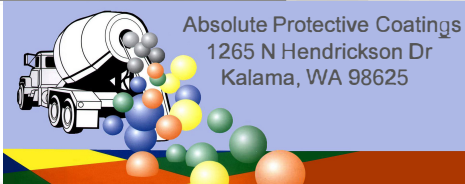
Personal protective equipment

Eye protection : Where there is the potential for exposure, chemical splash-proof goggles and a face shield must be worn. Other individuals working in the vicinity of this material where exposure can occur should also be fitted with chemical splash goggles. Workers should not contact their eyes or skin with hands contaminated with the Curing Agent.

SAFETY DATA SHEET

PK-3 "B"

Version 1.0 / US
Revision date 09/01/2015
Print Date 09/01/2015
Page 5 / 11



- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Nitrile rubber
In emergency situations, wear impermeable gloves with cuffs to prevent spread of material to area above the wrists.
butyl-rubber
Nitrile rubber
Neoprene gloves
- Body Protection : Long sleeve shirts and trousers without cuffs.
- Respiratory protection : Keep self-contained breathing apparatus readily available for emergency use.
In atmospheres where the material is sprayed, workers should avoid contact with aerosols containing the Curing Agent through proper engineering controls such as exhaust ventilation and/or proper protective equipment such as full-face air-supplied respirators, gloves and full body protective clothing. Wear appropriate respirator when ventilation is inadequate.

9. Physical and chemical properties

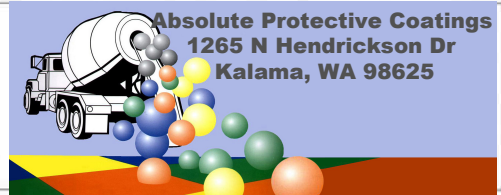
9.1. Information on basic physical and chemical properties

- Physical state : liquid
- Form : viscous
- Colour : yellow
- Odour : ammoniacal
- Odour Threshold : no data available
- pH : 9.2
Remarks: alkaline
- Melting point : Melting point/range
Remarks: no data available
< 0 °C
- Boiling point : Boiling point/range
> 100 °C
- Flash point : > 100 °C
- Evaporation rate : no data available
- Flammability : no data available
- Upper Explosion/Ignition Limit : no data available
- Lower explosion limit : no data available
- Vapour pressure : no data
- Relative vapour density : no data
- Relative density : available (water
= 1) 1.04

SAFETY DATA SHEET

PK-3 "B"

Version 1.0 / US
Revision date 09/01/2015
Print Date 09/01/2015
Page 6 / 11



Solubility(ies) : no data available

Water solubility : no data available

Partition coefficient: n-octanol/water : no data available

Autoignition temperature : no data available

Thermal decomposition : no data available

Viscosity, kinematic : no data available

Viscosity, dynamic : 7,500 mPa.s
(20 °C)

Explosive properties : no data available

Oxidising properties : no data available

9.2. Other information

Density : 1.1 g/cm³
(21 °C)

10. Stability and reactivity

10.1. Reactivity

see section "Possibility of hazardous reactions"

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

no data available
no data available

10.4. Conditions to avoid

no data available

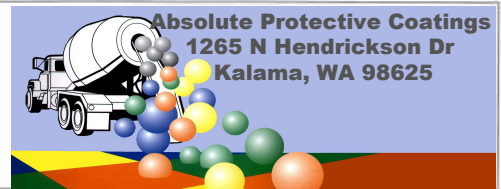
10.5. Incompatible materials

Organic acids (i.e. acetic acid, citric acid etc.).
Mineral acids.
sodium hypochlorite
Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.
Oxidizing agents

10.6. Hazardous decomposition products

SAFETY DATA SHEET

Version 1.0 / US
Revision date 09/01/2015
Print Date 09/01/2015
Page 7 / 11



Nitric acid
Ammonia
Nitrogen oxides (NOx)
Nitrogen oxide can react with water vapors to form corrosive nitric acid.
Carbon monoxide
Carbon dioxide (CO2)

11. Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : LD50
Species: Rat
Dose: > 2,000 mg/kg

Acute toxicity (inhalation) : Inhalation of aerosols of a chemically similar material resulted in the deaths of rats during administration and in transient central nervous system symptoms including lethargy, ataxia, tremors and convulsions.

Acute toxicity (dermal) : LD50
Species: Rabbit
Dose: > 2,000 mg/kg

Irritation/corrosion of the skin : Mild skin irritation
Irritation data from similar products.

Serious eye damage/ eye irritation : Severe eye irritation
Corrosive to eyes.

Respiratory/skin sensitization : no data available

Repeated dose toxicity : no data available

CMR assessment

Carcinogenicity : no data available

Mutagenicity : No data is available on the product itself.

Teratogenicity : No data is available on the product itself.

Toxicity to reproduction : No data is available on the product itself.

US. National Toxicology Program (NTP) Report on Carcinogens

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

US. IARC Monographs on Occupational Exposures to Chemical Agents

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

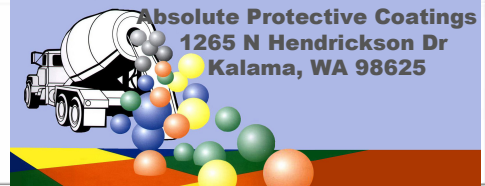
Specific Target Organ Toxicity - Single exposure : no data available

Specific Target : no data available

SAFETY DATA SHEET

PK-3 "B"

Version 1.0 / US
Revision date 09/01/2015
Print Date 09/01/2015
Page 8 / 11



Organ Toxicity -
Repeated exposure

Aspiration hazard : no data available

Other information : Ocular irritation tests with rabbits did not result in any animal deaths.

12. Ecological information

Ecotoxicology Assessment

Acute aquatic toxicity : no data available

Chronic aquatic toxicity : no data available

12.1. Toxicity

Aquatic toxicity, fish : no data available
No data is available on the product itself.

Aquatic toxicity, invertebrates : no data available
No data is available on the product itself.

Aquatic toxicity, algae / aquatic plants : no data available
No data is available on the product itself.

Toxicity in microorganisms : no data available

chronic toxicity in fish : no data available

Chronic toxicity in aquatic Invertebrates : no data available

12.2. Persistence and degradability

Photodegradation : no data available

Biological degradability : no data available
no data available

12.3. Bioaccumulative potential

Bioaccumulation : no data available

12.4. Mobility in soil

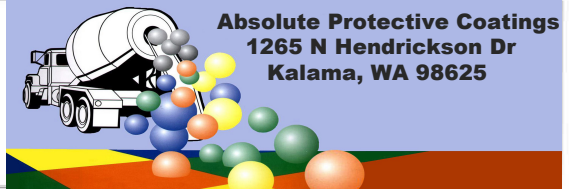
Environmental distribution : no data available

12.5. Results of PBT and vPvB assessment

PBT and vPvB : No data available

SAFETY DATA SHEET

Version 1.0 / US
Revision date 10/06/2017
Print Date 10/29/2017
Page 9 / 11



assessment

12.6. Other adverse effects

General Information : Do not allow to enter soil, waterways or waste water canal.
Information given is based on data obtained from similar substances.
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. Disposal considerations

13.1. Waste treatment methods

Product : Contact supplier if guidance is required.

Contaminated packaging : Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. Transport information

Not dangerous according to transport regulations.

14.1. UN number: --
14.2. UN proper shipping name: --
14.3. Transport hazard class(es): --
14.4. Packing group: --
14.5. Environmental hazards: --
14.6. Special precautions for user: Yes
Not dangerous according to transport regulations.

15. Regulatory information

US Federal Regulations

SARA Title III Section 311/312 Hazard Categories
- Acute Health Hazard

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required
- This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

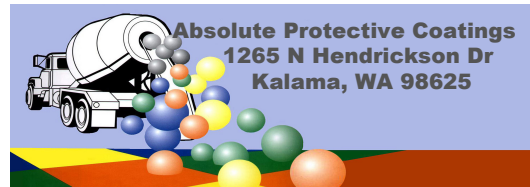
US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)
- No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

State Regulations

US. California Safe Drinking Water & Toxic Enforcement Act (Proposition 65)
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SAFETY DATA SHEET

Version 1.0 / US
Revision date 09/01/2015
Print Date 09/01/2015
Page 10 / 11



HMIS Ratings

Health: 3
Flammability: 1
Reactivity: 0

Notification status

Europe (EINECS/ELINCS)	listed/registered or exempted
USA (TSCA)	listed/registered or exempted
Australia (AICS)	listed/registered or exempted
Japan (ENCS)	listed/registered or exempted
Korea (TCCL)	listed/registered or exempted
Philippines (PICCS)	listed/registered or exempted
New Zealand	listed/registered or exempted

16. Other information

List of references

Revision date 09/01/2015

Relevant H phrases from chapter 3

H318 : Causes serious eye damage.

