



CeRam-Kote 54 SF Part B

Safety Data Sheet

according to Regulation (EU) No. 2015/830

Date of issue: 07/02/2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : CeRam-Kote 54 SF Part B

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Ceram-Kote Coatings, Inc.
1800 Industrial Drive
Big Spring, TX 79721-2119
T 432-263-8497

1.4. Emergency telephone number

For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident
Call CHEMTREC Day or Night, Ref: Contract #CCN664812
Within USA and Canada: 1-800-424-9300
Outside USA and Canada: 001-703-527-3887 (collect calls accepted)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute Tox. 4 (Oral)	H302
Acute Tox. 3 (Dermal)	H311
Acute Tox. 4 (Inhalation)	H332
Skin Corr. 1B	H314
Eye Dam. 1	H318
Skin Sens. 1	H317
Repr. 2	H361

Full text of H-statements: see section 16

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

GHS06

GHS08

Signal word (CLP) :

Danger

Hazardous ingredients :

Isophorone diamine, 1,3-Benzenedimethanamine, N,N-Dimethyl-1,3-propanediamine, Bisphenol A, Propylene glycol diamine, 2-amino-, diether with Propylene, Salicylic acid

Hazard statements (CLP) :

H302+H332 - Harmful if swallowed or if inhaled
H311 - Toxic in contact with skin
H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H361 - Suspected of damaging fertility or the unborn child

Precautionary statements (CLP) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P264 - Wash thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P272 - Contaminated work clothing should not be allowed out of the workplace
P280 - Wear protective gloves/protective clothing/eye protection/face protection

CeRam-Kote 54 SF Part B

Safety Data Sheet

P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P302+P352 - IF ON SKIN: Wash with plenty of water
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308+P313 - IF exposed or concerned: Get medical advice/attention
P310 - Immediately call a POISON CENTER/doctor
P312 - Call a POISON CENTER/doctor if you feel unwell
P330 - Rinse mouth
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention
P361+P364 - Take off immediately all contaminated clothing and wash it before reuse
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propylene glycol diamine, 2-amino-, diether with Propylene	(CAS No) 9046-10-0 (EC no) 618-561-0	20 - 40	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311
Benzyl alcohol	(CAS No) 100-51-6 (EC no) 202-859-9 (EC index no) 603-057-00-5	13 - 30	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332
Isophorone diamine	(CAS No) 2855-13-2 (EC no) 220-666-8 (EC index no) 612-067-00-9	7 - 13	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Skin Sens. 1, H317 Aquatic Chronic 3, H412
1,3-Benzenedimethanamine	(CAS No) 1477-55-0 (EC no) 216-032-5	3 - 7	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312
Bisphenol A	(CAS No) 80-05-7 (EC no) 201-245-8 (EC index no) 604-030-00-0	3 - 7	Eye Dam. 1, H318 Skin Sens. 1, H317 Repr. 2, H361f STOT SE 3, H335
2,4,6-Tri(dimethylaminomethyl)phenol	(CAS No) 90-72-2 (EC no) 202-013-9 (EC index no) 603-069-00-0	1 - 3	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319
N,N-Dimethyl-1,3-propanediamine	(CAS No) 109-55-7 (EC no) 203-680-9 (EC index no) 612-061-00-6	1 - 3	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Skin Sens. 1, H317
Salicylic acid	(CAS No) 69-72-7 (EC no) 200-712-3	1 - 3	Acute Tox. 4 (Oral), H302 Aquatic Chronic 3, H412

Full text of R- and H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove to fresh air. Give oxygen if breathing is difficult
First-aid measures after skin contact : Promptly wash thoroughly with mild soap and water. Seek medical attention.
First-aid measures after eye contact : Immediately flush eyes with water for at least 15 minutes. Get immediate medical assistance.
First-aid measures after ingestion : DO NOT induce vomiting. Seek medical attention.

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

Symptoms/injuries after inhalation : Can cause respiratory reactions after repetitive exposure.
Symptoms/injuries after skin contact : Causes skin burns. Can cause allergic skin reactions after repetitive exposure.
Symptoms/injuries after eye contact : Causes eye damage and burns.
Symptoms/injuries after ingestion : Swallowing liquid can burn mouth and cause nausea, vomiting, diarrhea, abdominal pain and collapse.

CeRam-Kote 54 SF Part B

Safety Data Sheet

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam, CO₂, or dry chemical. A water spray can also be used.
Unsuitable extinguishing media : None.

5.2. Special hazards arising from the substance or mixture

Fire hazard : None known.
Explosion hazard : None known.

5.3. Advice for firefighters

Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Stop the flow of material, if this is without risk.
Methods for cleaning up : Avoid all personal contact. Take up with absorbent material. Shovel into closeable containers. Flush contaminated area with water. This product is miscible in water. That means it is totally dissolved when mixed with water. Due to this property, this is considered a marine pollutant; however, when mixed with part A, and after the product cures, it is totally inert. This product reacts with air by absorbing the moisture out of the air. Take up with absorbent material. Shovel into closeable containers. Flush contaminated area with water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with eyes, skin and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed and in a cool, well-ventilated area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Benzyl alcohol (100-51-6)		
Bulgaria	OEL TWA (mg/m ³)	5.0 mg/m ³
Czech Republic	Expoziční limity (PEL) (mg/m ³)	40 mg/m ³
Finland	HTP-arvo (8h) (mg/m ³)	45 mg/m ³
Finland	HTP-arvo (8h) (ppm)	10 ppm
Latvia	OEL TWA (mg/m ³)	5 mg/m ³
Lithuania	IPRV (mg/m ³)	5 mg/m ³
Poland	NDS (mg/m ³)	240 mg/m ³
1,3-Benzenedimethanamine (1477-55-0)		
Austria	MAK (mg/m ³)	0.1 mg/m ³
Austria	MAK Short time value (mg/m ³)	0.1 mg/m ³
Austria	OEL - Ceilings (mg/m ³)	0.1 mg/m ³
Denmark	Grænseværdie (ceiling) (ppm)	0.02 ppm
Denmark	Grænseværdie (ceiling) (mg/m ³)	0.1 mg/m ³
Finland	HTP-arvo (15 min)	0.1 mg/m ³

CeRam-Kote 54 SF Part B

Safety Data Sheet

1,3-Benzenedimethanamine (1477-55-0)		
Finland	OEL Ceiling (mg/m ³)	0.1 mg/m ³
France	VLE (mg/m ³)	0.1 mg/m ³
Portugal	OEL - Ceilings (mg/m ³)	0.1 mg/m ³
Slovenia	OEL TWA (mg/m ³)	0.1 mg/m ³
Norway	Grønseverdier (Takverdi) (mg/m ³)	0.1 mg/m ³
Switzerland	VME (mg/m ³)	0.1 mg/m ³
Canada (Quebec)	PLAFOND (mg/m ³)	0.1 mg/m ³
USA - ACGIH	ACGIH Ceiling (mg/m ³)	0.1 mg/m ³
USA - NIOSH	NIOSH REL (ceiling) (mg/m ³)	0.1 mg/m ³
Bisphenol A (80-05-7)		
EU	IOELV TWA (mg/m ³)	10 mg/m ³ (inhalable dust)
Austria	MAK (mg/m ³)	5 mg/m ³ (inhalable fraction)
Austria	MAK Short time value (mg/m ³)	5 mg/m ³ (inhalable fraction)
Austria	OEL - Ceilings (mg/m ³)	5 mg/m ³ (inhalable fraction)
Belgium	Limit value (mg/m ³)	10 mg/m ³
Bulgaria	OEL TWA (mg/m ³)	10 mg/m ³ (respirable dust)
Croatia	GVI (granična vrijednost izloženosti) (mg/m ³)	10 mg/m ³ (total dust)
Cyprus	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust)
Czech Republic	Expoziční limity (PEL) (mg/m ³)	2 mg/m ³ (aerosol and dust)
Denmark	Grænseværdie (langvarig) (mg/m ³)	3 mg/m ³ (particulate matter)
Finland	HTP-arvo (8h) (mg/m ³)	5 mg/m ³
France	VME (mg/m ³)	10 mg/m ³ (restrictive limit-inhalable particulates)
Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	5 mg/m ³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Gibraltar	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust)
Greece	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable fraction)
Hungary	AK-érték	10 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³ (inhalable dust)
Ireland	OEL (15 min ref) (mg/m ³)	30 mg/m ³ (calculated)
Italy	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust)
Lithuania	IPRV (mg/m ³)	10 mg/m ³ (inhalable dust)
Luxembourg	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust)
Malta	OEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust)
Netherlands	Grenswaarde TGG 8H (mg/m ³)	10 mg/m ³ (respirable)
Poland	NDS (mg/m ³)	5 mg/m ³ (Inhalable aerosol fraction)
Poland	NDSch (mg/m ³)	10 mg/m ³ (inhalable fraction)
Portugal	OEL TWA (mg/m ³)	10 mg/m ³ (indicative limit value-inhalable dust)
Romania	OEL TWA (mg/m ³)	10 mg/m ³
Slovenia	OEL TWA (mg/m ³)	5 mg/m ³ (inhalable fraction)
Slovenia	OEL STEL (mg/m ³)	5 mg/m ³ (inhalable fraction)
Spain	VLA-ED (mg/m ³)	10 mg/m ³ (indicative limit value)
United Kingdom	WEL TWA (mg/m ³)	10 mg/m ³ (inhalable dust)
United Kingdom	WEL STEL (mg/m ³)	30 mg/m ³ (inhalable dust)
Norway	Grønseverdier (AN) (mg/m ³)	10 mg/m ³ (inhalable)
Norway	Grønseverdier (Korttidsverdi) (mg/m ³)	10 mg/m ³ (inhalable)
Switzerland	VME (mg/m ³)	5 mg/m ³ (inhalable dust)
Switzerland	VLE (mg/m ³)	5 mg/m ³ (inhalable dust)

8.2. Exposure controls

Appropriate engineering controls

: General dilution ventilation and/or exhaust ventilation should be provided as necessary to maintain exposures below regulatory limits.

CeRam-Kote 54 SF Part B

Safety Data Sheet

Hand protection	: Wear chemical resistant gloves such as neoprene or natural rubber gloves.
Eye protection	: Chemical goggles
Skin and body protection	: Wear suitable working clothes
Respiratory protection	: If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Brown
Odour	: Amine
Odour threshold	: No data available
pH	: Alkaline
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 200 °C
Flash point	: 85°C (185°F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 1.06
Solubility	: Miscible
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Will not occur.

10.4. Conditions to avoid

None.

10.5. Incompatible materials

Avoid strong oxidizing agents, acids, copper and its alloys.

10.6. Hazardous decomposition products

Carbon monoxide, carbon dioxide, aldehydes, and nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed. Dermal: Toxic in contact with skin. Inhalation: Harmful if inhaled.

ATE CLP (oral)	567.591 mg/kg bodyweight
ATE CLP (dermal)	872.516 mg/kg bodyweight
ATE CLP (gases)	4500.000 ppmv/4h
ATE CLP (vapours)	11.000 mg/l/4h
ATE CLP (dust,mist)	1.500 mg/l/4h

CeRam-Kote 54 SF Part B

Safety Data Sheet

Benzyl alcohol (100-51-6)	
LD50 oral rat	1230 mg/kg
LD50 dermal rabbit	2 g/kg
LC50 inhalation rat (mg/l)	8.8 mg/l/4h
Isophorone diamine (2855-13-2)	
LD50 oral rat	1030 mg/kg
1,3-Benzenedimethanamine (1477-55-0)	
LD50 oral rat	660 mg/kg
LD50 dermal rabbit	2 g/kg
LC50 inhalation rat (ppm)	700 ppm/1h
Bisphenol A (80-05-7)	
LD50 oral rat	3300 mg/kg
LD50 dermal rabbit	3 ml/kg
LC50 inhalation rat (mg/l)	> 0.17 mg/l (Exposure time: 6 h)
N,N-Dimethyl-1,3-propanediamine (109-55-7)	
LD50 oral rat	922 mg/kg
LC50 inhalation rat (mg/l)	> 4.31 mg/l/4h
2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)	
LD50 oral rat	1200 mg/kg
LD50 dermal rat	1280 mg/kg
Salicylic acid (69-72-7)	
LD50 oral rat	891 mg/kg
LC50 inhalation rat (mg/l)	> 900 mg/m ³ (Exposure time: 1 h)
Propylene glycol diamine, 2-amino-, diether with Propylene (9046-10-0)	
LD50 oral rat	242 mg/kg

Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Benzyl alcohol (100-51-6)	
LC50 fish 1	460 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 1	23 mg/l (Exposure time: 48 h - Species: water flea)
LC50 fish 2	10 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
Isophorone diamine (2855-13-2)	
EC50 Daphnia 1	14.6 - 21.5 mg/l (Exposure time: 48 h - Species: Daphnia magna [semi-static])
Bisphenol A (80-05-7)	
LC50 fish 1	3.6 - 5.4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	10.2 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	4.0 - 5.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	3.9 mg/l (Exposure time: 48 h - Species: Daphnia magna)
N,N-Dimethyl-1,3-propanediamine (109-55-7)	
EC50 Daphnia 1	59.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)
Salicylic acid (69-72-7)	
EC50 Daphnia 1	870 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

CeRam-Kote 54 SF Part B

Safety Data Sheet

Benzyl alcohol (100-51-6)	
Log Pow	1.1
Isophorone diamine (2855-13-2)	
Log Pow	0.79 (at 23 °C)
Bisphenol A (80-05-7)	
BCF fish 1	5.1 - 13.8
Log Pow	2.2
N,N-Dimethyl-1,3-propanediamine (109-55-7)	
Log Pow	-0.352 (at 25 °C)
Salicylic acid (69-72-7)	
BCF fish 1	>= 1000
Log Pow	0 - 2.26 (at 37 °C)

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

No additional information available

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR)	: 2735
UN-No. (IMDG)	: 2735
UN-No. (IATA)	: 2735
UN-No. (ADN)	: 2735
UN-No. (RID)	: 2735

14.2. UN proper shipping name

Proper Shipping Name (ADR)	: AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (IMDG)	: AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (IATA)	: Amines, liquid, corrosive, n.o.s.
Proper Shipping Name (ADN)	: AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (RID)	: AMINES, LIQUID, CORROSIVE, N.O.S.
Transport document description (ADR)	: UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine, m-Xylenediamine), 8, II, (E)
Transport document description (IMDG)	: UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S., 8, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR)	: 8
Danger labels (ADR)	: 8



IMDG

Transport hazard class(es) (IMDG)	: 8
Danger labels (IMDG)	: 8

CeRam-Kote 54 SF Part B

Safety Data Sheet



IATA

Transport hazard class(es) (IATA) : 8

Hazard labels (IATA) : 8



ADN

Transport hazard class(es) (ADN) : 8

Danger labels (ADN) : 8



RID

Transport hazard class(es) (RID) : 8

Danger labels (RID) : 8



14.4. Packing group

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

Packing group (ADN) : II

Packing group (RID) : II

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : C7

Special provisions (ADR) : 274

Limited quantities (ADR) : 5I

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T7

Portable tank and bulk container special provisions (ADR) : TP1, TP28

Tank code (ADR) : L4BN

Vehicle for tank carriage : AT

CeRam-Kote 54 SF Part B

Safety Data Sheet

Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Hazard identification number (Kemler No.) : 80
Orange plates :



Tunnel restriction code (ADR) : E
EAC code : 2X
APP code : B

- Transport by sea

Special provisions (IMDG) : 223, 274
Limited quantities (IMDG) : 5 L
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P001, LP01
IBC packing instructions (IMDG) : IBC03
Tank instructions (IMDG) : T7
Tank special provisions (IMDG) : TP1, TP28
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage category (IMDG) : A

- Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y841
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 852
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 856
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3
ERG code (IATA) : 8L

- Inland waterway transport

Classification code (ADN) : C7
Special provisions (ADN) : 274
Limited quantities (ADN) : 5 L
Excepted quantities (ADN) : E1
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0
Not subject to ADN : No

- Rail transport

Classification code (RID) : C7
Special provisions (RID) : 274
Limited quantities (RID) : 5L
Excepted quantities (RID) : E1
Packing instructions (RID) : P001, IBC03, LP01, R001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T7
Portable tank and bulk container special provisions (RID) : TP1, TP28
Tank codes for RID tanks (RID) : L4BN
Transport category (RID) : 3
Special provisions for carriage – Packages (RID) : W12
Colis express (express parcels) (RID) : CE8

CeRam-Kote 54 SF Part B

Safety Data Sheet

Hazard identification number (RID) : 80
Carriage prohibited (RID) : No

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

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference : Water hazard class (WGK) 2, hazard to waters (Classification according to VwVwS, Annex 4)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed
SZW-lijst van mutagene stoffen : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : Bisphenol A is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product
Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-statements:

Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Sensitisation — Skin, category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H302	Harmful if swallowed
H311	Toxic in contact with skin
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation

CeRam-Kote 54 SF Part B

Safety Data Sheet

H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H361	Suspected of damaging fertility or the unborn child
H361f	Suspected of damaging fertility
H412	Harmful to aquatic life with long lasting effects
R10	Flammable
R20/22	Harmful by inhalation and if swallowed
R21/22	Harmful in contact with skin and if swallowed
R22	Harmful if swallowed
R34	Causes burns
R36/38	Irritating to eyes and skin
R37	Irritating to respiratory system
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R52	Harmful to aquatic organisms
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R62	Possible risk of impaired fertility
C	Corrosive
Xi	Irritant
Xn	Harmful

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product