

5. sz. melléklet

TECHNO-VÍZ KFT. LABORATÓRIUM
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Mintavételi jgyzk. száma: 1778/25-HFTV
Mintavétel dátuma: 2025.03.12
Mintavétel módja: Akkreditált
Minta típusa: felszín alatti víz (talajvíz)

A NAH által NAH-1-1274/2024 számon akkreditált vizsgáolólaboratórium.

MINTAVÉTELI JEGYZŐKÖNYV

Talajfúrásból származó felszín alatti víz vizsgálatához

MEGRENDELŐ: Ökopajzs Kft., Szászberek

TELEPÜLÉS: Heves

TELEP: Hrsz.: 043/20 és 043/21

MINTAVÉTEL CÉLJA: A Megrendelővel kötött szerződés, illetve előzetes egyeztetés szerint **egyedi megrendelés szerinti vizsgálat** miatt végzendő mintavétel és vizsgálat.

Mintavétel ideje: -tól -ig

A TALAJFÚRÁSRA VONATKOZÓ ADATOK, HELYSZÍNI MÉRÉSI EREDMÉNYEK:

Talajfúrás / minta megnevezése:	EOV koordináta:	Megütött talajvízszint (földfelszíntől, m):	Nyugalmi talajvízszint (földfelszíntől, m):	Hőmérséklet (°C):	Fajlagos elektromos vezetőképesség (μS/cm):	pH:
1F. fúrás - talajvíz	252 504 743 982	-3.30	-3.21	16.2	1060	7.53

Mintavételi módszerek: MSZ ISO 5667-11:2012, MSZ 21464:1998 (visszavont szabvány)

Helyszíni vizsgálati módszerek: hőmérséklet: MSZ 448-2:1967 (visszavont szabvány) 1. fejezet, fajlagos elektromos vezetőképesség(25°C): MSZ EN 27888:1998, pH(25°C): MSZ 1484-22:2009 8.1. szakasz

IDŐJÁRÁSI VISZONYOK: napos ☐ felhős ☒ borult ☐ szeles ☐ csapadékos ☐

A LABORATÓRIUMI VIZSGÁLATOK IRÁNYA:

A minta azonosító száma:	Minta jelölése:	Talajfúrás / minta megnevezése:	Laboratóriumi vizsgálati kódok:		
			Klasszikus analitika:	Műszeres analitika:	Biológia:
4334		1F. fúrás - talajvíz	KÁV KKE KTXV		

A mintavétellel kapcsolatos megállapítások, megjegyzések:

.....
megrendelő képviselője

.....
Horváth Gergely

.....
mintavevő
(Techno-Víz Kft.)

Kapcsolattartó neve: Berényiné Ádám Nikoletta
Telefonszáma: 20 777 3926

.....
Kenyeres Krisztina
a mintát laboratóriumi vizsgálatra átvette
Dátum: 2025.03.12

TECHNO-VÍZ
LABORATÓRIUMI ÉS MÉRNÖKSZOLGÁLATI KFT.
5000 Szolnok, Vízmű u. 1.



VIZSGÁLATI JEGYZŐKÖNYV

Oldalszám: 1/1

Jegyzőkönyv száma: 1778/25-HFTV/4334/KemiaLap
Megrendelő neve: Ökopajzs Kft., Szászberek
Minta származási helye: Heves, Hrsz.: 043/20 és 043/21
Mintavevő neve: Horváth Gergely
Mintavétel jellege: Akkreditált mintavétel

Mintavétel ideje: 2025.03.12
Minta beérkezésének ideje: 2025.03.12
Minta típusa: felszín alatti víz (talajvíz)
Vizsgálat kezdete: 2025.03.13
Vizsgálat elvégzésének ideje: 2025.03.18

Mintaazonosító szám: 4334

Mintavétel helye, minta megnevezése: 1F. fúrás - talajvíz

Kútdatok, üzemadatok

Kataszterszám:
Talpmélység: m

Vízhozam: L/perc
Üzemi nyomás: bar

Helyszíni vizsgálatok adatai:

Vizsgálati paraméterek:	Mért érték:	Mértékegység:	Szabvány, mérési módszer:
Hőmérséklet	16.2	°C	MSZ 448-2:1967 (visszavont szabvány) 1. fejezet
pH(25°C)	7.53		MSZ 1484-22:2009 8.1. szakasz
Fajlagos elektromos vezetőképesség(25°C)	1060	µS/cm	MSZ EN 27888:1998

Laboratóriumi vizsgálatok adatai:

4334-KÁV

Vizsgált paraméterek	Mértékegység	Mért érték	Vizsgált paraméterek	Mértékegység	Mért érték
Nátrium	mg/l	35	Hidrogén-karbonát	mg/l	303.8
Kálium	mg/l	2.7	permanganátos kémiai oxigén igény (KOIps)	mg/l	1.0
Ammónium	mg/l	0.03	p-lúgosság	mmol/l	<0.1
Kalcium	mg/l	94.3	m-lúgosság	mmol/l	4.98
Magnézium	mg/l	73.4	Összes keménység	CaOmg/l	298
Nitrit	mg/l	0.04	Orto-foszfát	mg/l	0.37
Nitrát	mg/l	36.90	Orto-foszfát-P	mg/l	0.12
Klorid	mg/l	74.6	Összes foszfor	mg/l	0.15
Szulfát	mg/l	165.0	Összes oldott anyag	mg/l	772
Karbonát	mg/l	<3			

4334-KKE

Vizsgált paraméterek	Mértékegység	Mért érték	Vizsgált paraméterek	Mértékegység	Mért érték
Lítium	µg/l	<10			

4334-KTXV

Vizsgált paraméterek	Mértékegység	Mért érték	Vizsgált paraméterek	Mértékegység	Mért érték
Arzén	µg/l	3.7	Szelén	µg/l	0.8
Réz	µg/l	<10	Bór	mg/l	0.050
Cink	µg/l	<5	Bárium	µg/l	46
Kadmium	µg/l	<0.2	Kobalt	µg/l	<1.0
Ólom	µg/l	<2	Molibdén	µg/l	3.0
Nikkel	µg/l	3	Ezüst	µg/l	<1.0
Króm/összes/	µg/l	6.0	Ón	µg/l	<2
Higany	µg/l	<0.1	Króm/VI/	µg/l	<2

Vizsgálati módszerek:

EI-15.:2010: Arzén, MSZ EN ISO 11885:2009: Réz;Cink;Kadmium;Ólom;Nikkel;Króm/összes;/Bór;Bárium;Kobalt;Molibdén;Ezüst;Ón;Nátrium;Kálium;Lítium, EI-16.:2010: Higany, MSZ 1484-3:2006 10.fejezet: Szelén, MSZ EN ISO 18412:2007: Króm/VI/, ISO 15923-1:2013 B melléklet: Ammónium, MSZ 448-3:1985 2. fejezet (visszavont szabvány): Kalcium, MSZ 448-3:1985 3. fejezet (visszavont szabvány): Magnézium, ISO 15923-1:2013 D melléklet: Nitrit, ISO 15923-1:2013 C és D melléklet: Nitrát, ISO 15923-1:2013 E melléklet: Klorid, ISO 15923-1:2013 G melléklet: Szulfát, MSZ 448-11:1986 6.2. szakasz: Karbonát;Hidrogén-karbonát, MSZ 448-20:1990 4. fejezet: permanganátos kémiai oxigén igény (KOIps), MSZ 448-11:1986 5.1. szakasz: p-lúgosság;m-lúgosság, MSZ 448-21:1986 3. fejezet: Összes keménység, ISO 15923-1:2013 F melléklet: Orto-foszfát, MSZ 448-18:2009 8.1. szakasz: Orto-foszfát-P, MSZ EN ISO 6878:2004 7. fejezet: Összes foszfor, MSZ 448-19:1986 5. fejezet: Összes oldott anyag

Megjegyzés: Ezen vizsgálati jegyzőkönyv csak a mellékletekkel együtt érvényes, kivonatos másolását a vizsgálólaboratórium jóváhagyása nélkül nem szabad végezni! A vizsgálati eredmények csak a vizsgált mintákra vonatkoznak. A vizsgálatokkal kapcsolatos esetleges észrevételeit (kifogásait) 1 hónapon belül szíveskedjen megtenni. A vizsgálati jegyzőkönyv 1 számozott oldalt tartalmaz.

Szolnok, 2025.03.18

vizsgálatért felelős személy

Kényeres Krisztina
laboratóriumvezető

Galsi Tamás
ügyvezető

TECHNO-VÍZ
LABORATÓRIUMI ÉS MÉRŐSZOLGÁLATI KFT.
5000 Szolnok, Vízmű u. 1



A NAH által NAH-1-1274/2024 számon akkreditált vizsgálólaboratórium.

MINTAVÉTELI JEGYZŐKÖNYV

Talajminta (bolygatott) környezetvédelmi célú vizsgálatához

MEGRENDELŐ: Ökopajzs Kft., Szászberek

TELEPÜLÉS: Heves

TELEP: Hrsz.: 043/20 és 043/21

MINTAVÉTEL CÉLJA: A Megrendelővel kötött szerződés, illetve előzetes egyeztetés szerint **egyedi megrendelés szerinti vizsgálat** miatt végzendő mintavétel és vizsgálat.

Mintavétel ideje: -tól -ig

A TALAJFÚRÁSRA (TALAJ MINTAVÉTELRE) VONATKOZÓ ADATAI::

Talajfúrás, talajminta megnevezése:	EOV koordináta:	Megütött talajvízszint (földfelszíntől, m):	Nyugalmi talajvízszint (földfelszíntől, m):
1F. fúrás - talaj (0.5 m)	X:252 504 Y:743 982	-3.30	-3.21
1F. fúrás - talaj (3.5 m)			

Alkalmazott mintavételi eszköz:	kézi talajfúró, ásó, vödör, steril fém vegyszerkanál, GPS meghatározó készülék, mintavételi edényzet (zacskó, palack, üveg)
Mintavételi technika:	<input checked="" type="checkbox"/> talajfúrás <input type="checkbox"/> nyílt feltárás
Minta képzésének jellege:	<input type="checkbox"/> átlagminta, db pontmintából képezve <input checked="" type="checkbox"/> pontminta
Melléklet	<input checked="" type="checkbox"/> Rétegsor leírás: <input type="checkbox"/> Helyszínrajz: <input type="checkbox"/> Fotó:
Mintavétel tervezése és helyszíni szemle:	

Mintavételi módszerek: MSZ 21470-1:1998

IDŐJÁRÁSI VISZONYOK: napos ☐ felhős ☒ borult ☐ szeles ☐ csapadékos ☐

A LABORATÓRIUMI VIZSGÁLATOK IRÁNYA:

A minta azonosító száma:	Minta jelölése:	Talajfúrás, talajminta megnevezése:	Laboratóriumi vizsgálati kódok		
			Klasszikus analitika:	Műszeres analitika:	Bakterológia:
4335		1F. fúrás - talaj (0.5 m)	KTE KTX		
4338		1F. fúrás - talaj (3.5 m)	KTE KTX		

A mintavétellel kapcsolatos megállapítások, megjegyzések:

megrendelő képviselője

Horváth Gergely
vizsgáló képviselője
mintavevő

Kapcsolattartó neve: Berényiné Ádám Nikoletta
Telefonszáma: 20 7773926

Kenyeres Krisztina
a mintát laboratóriumi vizsgálatra átvette
Dátum: 2025.03.12

TECHNO-VÍZ
LABORATÓRIUMI ÉS MÉRNÖKSZOLGÁLATI KFT
5000 Szolnok, Vízmű u. 1



VIZSGÁLATI JEGYZŐKÖNYV

Oldalszám: 1/2

Jegyzőkönyv száma: 1779/25-HFKT/KTE
Megrendelő neve: Ökopajzs Kft., Szászberek
Minta származási helye: Heves, Hrsz.: 043/20 és 043/21
Mintavevő neve: Horváth Gergely
Mintavétel jellege: Akkreditált mintavétel

Mintavétel ideje: 2025.03.12
Minta beérkezésének ideje: 2025.03.12
Minta típusa: talaj
Vizsgálat kezdete: 2025.03.13
Vizsgálat elvégzésének ideje: 2025.03.31

Mintaazonosító szám: 4335			
Mintavétel helye/minta megnevezése: 1F. fúrás - talaj (0.5 m) /			
Vizsgálati paraméterek:	Mért érték:	Mértékegység:	Szabvány, mérési és mintaelőkészítési módszer:
nátrium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	360	mg/kg sz.a.	MSZ 1484-3:2006 6.fejezet,MSZ 21470-50:2006 3.1. szakasz
kálium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	4390	mg/kg sz.a.	MSZ 1484-3:2006 6.fejezet,MSZ 21470-50:2006 3.1. szakasz
kalcium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	21360	mg/kg sz.a.	MSZ EN ISO 11885:2009
magnézium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	6600	mg/kg sz.a.	MSZ EN ISO 11885:2009
lítium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	21.0	mg/kg sz.a.	MSZ EN ISO 11885:2009,MSZ 21470-50:2006 3.1. szakasz
összes foszfor ($\text{HNO}_3/\text{H}_2\text{O}_2$)	890	mg/kg sz.a.	MSZ EN ISO 11885:2009
orto-foszfát (vizes kivonat 1:10)	0.80	mg/kg sz.a.	ISO 15923-1:2013 F melléklet
ammónium-ion (vizes kivonat 1:10)	188.00	mg/kg sz.a.	MSZE 21420-8:2004 5.fejezet
nitrit-ion (vizes kivonat 1:10)	<0.5	mg/kg sz.a.	EPA 9056A:2007
nitrát-ion (vizes kivonat 1:10)	<5.0	mg/kg sz.a.	EPA 9056A:2007
klorid-ion (vizes kivonat 1:5)	13	mg/kg sz.a.	EPA 9056A:2007
szulfát-ion (vizes kivonat 1:5)	260	mg/kg sz.a.	EPA 9056A:2007
pH (vizes kivonat 1:10)	7.10		MSZ 21470-2:1981 5.fejezet
fajlagos elektromos vezetőképesség (vizes kivonat 1:10)	173	$\mu\text{S}/\text{cm}$	MSZ 21470-2:1981 4.fejezet

Megjegyzés: Ezen vizsgálati jegyzőkönyv csak a mellékletekkel együtt érvényes, kivonatos másolását a vizsgálólaboratórium jóváhagyása nélkül nem szabad végezni! A vizsgálati eredmények csak a vizsgált mintákra vonatkoznak. A vizsgálattal kapcsolatos esetleges észrevételeit (kifogásait) 1 hónapon belül szíveskedjen megtenni. A vizsgálati jegyzőkönyv 2 számozott oldalt tartalmaz.

Szolnok, 2025.03.31

vizsgálatért felelős személy

Kenyeres Krisztina
laboratóriumvezető

TECHNO-VÍZ
LABORATÓRIUMI ÉS MÉRŐSZOLGÁLTATÁS
5000 Szolnok, Vízmű u. 1.

Galsi Tamás
ügyvezető



VIZSGÁLATI JEGYZŐKÖNYV

Oldalszám: 1/2

Jegyzőkönyv száma: 1779/25-HFKT/KTX
Megrendelő neve: Ökopajzs Kft., Szászberek
Minta származási helye: Heves, Hrsz.: 043/20 és 043/21
Mintavevő neve: Horváth Gergely
Mintavétel jellege: Akkreditált mintavétel

Mintavétel ideje: 2025.03.12
Minta beérkezésének ideje: 2025.03.12
Minta típusa: talaj
Vizsgálat kezdete: 2025.03.13
Vizsgálat elvégzésének ideje: 2025.03.24

Mintaazonosító szám: 4335

Mintavétel helye/minta megnevezése: 1F. fúrás - talaj (0.5 m) /

Vizsgálati paraméterek:	Mért érték:	Mértékegység:	Szabvány, mérési és mintaelőkészítési módszer:
összes króm (HNO ₃ /H ₂ O ₂)	32.00	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
kobalt (HNO ₃ /H ₂ O ₂)	8.00	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
nikkel (HNO ₃ /H ₂ O ₂)	21.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
réz (HNO ₃ /H ₂ O ₂)	9.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
cink (HNO ₃ /H ₂ O ₂)	46.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
arzén (HNO ₃ /H ₂ O ₂)	3.6	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
molibdén (HNO ₃ /H ₂ O ₂)	<1.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
szelén (HNO ₃ /H ₂ O ₂)	<0.5	mg/kg sz.a.	MSZ EN ISO 11885:2009
kadmium (HNO ₃ /H ₂ O ₂)	1.40	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
ón (HNO ₃ /HCl)	<0.3	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
bárium (HNO ₃ /H ₂ O ₂)	120	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
higany (HNO ₃ /H ₂ O ₂)	<0.01	mg/kg sz.a.	EI-16.:2010
ólom (HNO ₃ /H ₂ O ₂)	8.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
ezüst (HNO ₃ /H ₂ O ₂)	<0.5	mg/kg sz.a.	MSZ EN ISO 11885:2009
bór (HNO ₃ /H ₂ O ₂)	10.0	mg/kg sz.a.	MSZ EN ISO 11885:2009
króm(VI) (lúgos kivonatból)	<0.4	mg/kg sz.a.	MSZ 21470-50:2006 5.1. szakasz

Megjegyzés: Ezen vizsgálati jegyzőkönyv csak a mellékletekkel együtt érvényes, kivonatos másolását a vizsgálólaboratórium jóváhagyása nélkül nem szabad végezni! A vizsgálati eredmények csak a vizsgált mintákra vonatkoznak. A vizsgálattal kapcsolatos esetleges észrevételeit (kifogásait) 1 hónapon belül szíveskedjen megtenni. A vizsgálati jegyzőkönyv 2 számozott oldalt tartalmaz.

Szolnok, 2025.03.24

vizsgálatért felelős személy

Kenyeres Krisztina
laboratóriumvezető

Galsi Tamás
ügyvezető

TECHNO-VÍZ
LABORATÓRIUMI ÉS MÉRNÖKSZOLGÁLATI KFT
5000 Szolnok, Vízmű u. 1



VIZSGÁLATI JEGYZŐKÖNYV

Oldalszám: 2/2

Jegyzőkönyv száma: 1779/25-HFKT/KTE
Megrendelő neve: Ökopajzs Kft., Szászberek
Minta származási helye: Heves, Hrsz.: 043/20 és 043/21
Mintavevő neve: Horváth Gergely
Mintavétel jellege: Akkreditált mintavétel

Mintavétel ideje: 2025.03.12
Minta beérkezésének ideje: 2025.03.12
Minta típusa: talaj
Vizsgálat kezdete: 2025.03.13
Vizsgálat elvégzésének ideje: 2025.03.31

Mintaazonosító szám: 4338			
Mintavétel helye/minta megnevezése: 1F. fúrás - talaj (3.5 m) /			
Vizsgálati paraméterek:	Mért érték:	Mértékegység:	Szabvány, mérési és mintaelőkészítési módszer:
nátrium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	230	mg/kg sz.a.	MSZ 1484-3:2006 6.fejezet,MSZ 21470-50:2006 3.1. szakasz
kálium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	1230	mg/kg sz.a.	MSZ 1484-3:2006 6.fejezet,MSZ 21470-50:2006 3.1. szakasz
kalcium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	3290	mg/kg sz.a.	MSZ EN ISO 11885:2009
magnézium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	2260	mg/kg sz.a.	MSZ EN ISO 11885:2009
lítium ($\text{HNO}_3/\text{H}_2\text{O}_2$)	5.0	mg/kg sz.a.	MSZ EN ISO 11885:2009,MSZ 21470-50:2006 3.1. szakasz
összes foszfor ($\text{HNO}_3/\text{H}_2\text{O}_2$)	140	mg/kg sz.a.	MSZ EN ISO 11885:2009
orto-foszfát (vizes kivonat 1:10)	4.42	mg/kg sz.a.	ISO 15923-1:2013 F melléklet
ammónium-ion (vizes kivonat 1:10)	<1.00	mg/kg sz.a.	MSZE 21420-8:2004 5.fejezet
nitrit-ion (vizes kivonat 1:10)	<0.5	mg/kg sz.a.	EPA 9056A:2007
nitrát-ion (vizes kivonat 1:10)	5.0	mg/kg sz.a.	EPA 9056A:2007
klorid-ion (vizes kivonat 1:5)	13	mg/kg sz.a.	EPA 9056A:2007
szulfát-ion (vizes kivonat 1:5)	37	mg/kg sz.a.	EPA 9056A:2007
pH (vizes kivonat 1:10)	7.56		MSZ 21470-2:1981 5.fejezet
fajlagos elektromos vezetőképesség (vizes kivonat 1:10)	92	$\mu\text{S}/\text{cm}$	MSZ 21470-2:1981 4.fejezet

Megjegyzés: Ezen vizsgálati jegyzőkönyv csak a mellékletekkel együtt érvényes, kivonatos másolását a vizsgálólaboratórium jóváhagyása nélkül nem szabad végezni! A vizsgálati eredmények csak a vizsgált mintákra vonatkoznak. A vizsgálattal kapcsolatos esetleges észrevételeit (kifogásait) 1 hónapon belül szíveskedjen megtenni. A vizsgálati jegyzőkönyv 2 számozott oldalt tartalmaz.

Szolnok, 2025.03.31

vizsgálatért felelős személy

Kenyeres Krisztina

laboratóriumvezető

Galsi Tamás

ügyvezető

TECHNO-VÍZ
LABORATÓRIUMI ÉS MÉRNÖKSZOLGÁLATI KFT
5000 Szolnok, Vízmű u. 1



VIZSGÁLATI JEGYZŐKÖNYV

Oldalszám: 2/2

Jegyzőkönyv száma: 1779/25-HFKT/KTX
Megrendelő neve: Ökopajzs Kft., Szászberek
Minta származási helye: Heves, Hrsz.: 043/20 és 043/21
Mintavevő neve: Horváth Gergely
Mintavétel jellege: Akkreditált mintavétel

Mintavétel ideje: 2025.03.12
Minta beérkezésének ideje: 2025.03.12
Minta típusa: talaj
Vizsgálat kezdete: 2025.03.13
Vizsgálat elvégzésének ideje: 2025.03.24

Mintaazonosító szám: 4338

Mintavétel helye/minta megnevezése: 1F. fúrás - talaj (3.5 m) /

Vizsgálati paraméterek:	Mért érték:	Mértékegység:	Szabvány, mérési és mintaelőkészítési módszer:
összes króm (HNO ₃ /H ₂ O ₂)	8.00	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
kobalt (HNO ₃ /H ₂ O ₂)	2.40	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
nikkel (HNO ₃ /H ₂ O ₂)	6.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
réz (HNO ₃ /H ₂ O ₂)	3.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
cink (HNO ₃ /H ₂ O ₂)	15.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
arzén (HNO ₃ /H ₂ O ₂)	1.6	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
molibdén (HNO ₃ /H ₂ O ₂)	<1.0	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
szelén (HNO ₃ /H ₂ O ₂)	<0.5	mg/kg sz.a.	MSZ EN ISO 11885:2009
kadmium (HNO ₃ /H ₂ O ₂)	0.40	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
ón (HNO ₃ /HCl)	<0.3	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
bárium (HNO ₃ /H ₂ O ₂)	22	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
higany (HNO ₃ /H ₂ O ₂)	<0.01	mg/kg sz.a.	EI-16.:2010
ólom (HNO ₃ /H ₂ O ₂)	2.6	mg/kg sz.a.	MSZ 21470-50:2006 4.1. szakasz
ezüst (HNO ₃ /H ₂ O ₂)	<0.5	mg/kg sz.a.	MSZ EN ISO 11885:2009
bór (HNO ₃ /H ₂ O ₂)	<5.0	mg/kg sz.a.	MSZ EN ISO 11885:2009
króm(VI) (lúgos kivonattól)	<0.4	mg/kg sz.a.	MSZ 21470-50:2006 5.1. szakasz

Megjegyzés: Ezen vizsgálati jegyzőkönyv csak a mellékletekkel együtt érvényes, kivonatos másolását a vizsgálólaboratórium jóváhagyása nélkül nem szabad végezni! A vizsgálati eredmények csak a vizsgált mintákra vonatkoznak. A vizsgálattal kapcsolatos esetleges észrevételeit (kifogásait) 1 hónapon belül szíveskedjen megtenni. A vizsgálati jegyzőkönyv 2 számozott oldalt tartalmaz.

Szolnok, 2025.03.24

vizsgálatért felelős személy

Kenyeres Krisztina
laboratóriumvezető

TECHNO-VÍZ
LABORATÓRIUMI ÉS MÉRNÖKSZOLGÁLATI KFT.
5000 Szolnok, Vízmű u. 1

Galsi Tamás
ügyvezető



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A NAT által NAH által NAH-1-1274/2024 számon akkreditált vizsgálólaboratórium.

RÉTEGSOR LEÍRÁS

Heves, Ipari park 043/20 és 043/21 hrsz környezetvédelmi vizsgálatához

2025. március 12.

A Heves Ipari park területén a 043/20 és 043/21 hrsz alatt 1 db 5,0 m mélységű, ϕ 60 mm-es talajfúrást készítettünk a geotechnikában szokásos száraz eljárással.

A fúrásokban észlelt talajvíz és feltárt talajréteg adatsorok a helyszíni mérések és in situ vizsgálatok alapján a következők:

1.F. fúrás

terepszint: 60,12 rel., megütött víz: -3,30 m,
nyugalmi talajvízszint: -3,21 = 56,91 rel.

Talajrétegződés:


- 0,0 – 0,6 m barna humuszos agyag, laza szerkezetű, gyökerekkel átszőtt,
rossz vízvezető, $k = 10^{-5}$ - 10^{-6} cm/sec.
- 0,6 – 1,4 m sárga iszap, homokos, kemény állapotú,
rossz vízvezető, $k = 10^{-5}$ - 10^{-6} cm/sec.
- 1,4 – 5,0 m sárga homok, tömör állapotú,
vízáteresztő, $k = 10^{-3}$ - 10^{-4} cm/sec.

A talajfúrás EOV koordinátái:


	Y	X
1.F.	743982	252504

A magasságok relatív magassági rendszerre vonatkozik, kiindulási magasság a közeli épület járdaszintje. Magassága: 60,00 relatív.

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Kenyeres Krisztina
összeállította 

.....


Galsi Tamás
ellenőrizte 

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5000 Szolnok, Vízmű u. 1

First released: 2014.0501, 2nd revision: 2021.11.01, 3rd revision: 2024.03.01

1. Product and manufacturer information

Product name	Yellow Adhesive 7251
Product Use:	CSP or BGA underfill, etc
Manufacturer name	Yunsheng Electronic Adhesive (Shenzhen) Co., Ltd
address	9 08, Block A, Building 1, Huaqiang Creative Park, Guangming Street, Guangming District, Shenzhen, Guangdong Province (C-518000).
Phone	0755-29184926
fax	0755-29184925
site	www.yunsion.com

2. Chemical composition

Substance composition	Proportion (%)	CAS NO
Mixed gasoline-type solvent	55	1330-20-7
Film	10%	471-34-1
Resin	30%	21645-51-2
Viscosity agent	5%	68478-92-1

3. Hazard description

3.1 Hazard Information:	Harmful if inhaled. Avoid contact with eyes and skin. Do not inhale fumes in case of fire or explosion.
3.2 Routes of contact:	Inhalation, Ingestion, Skin contact.
3.3 Health Effects	
Eyes:	Direct contact may cause mild irritation.
Skin:	Short-term contact will not cause serious harm, but repeated contact may cause irritation.
Inhalation:	Causes mild irritation to the respiratory system; excessive inhalation of fumes may lead fumes may lead to drowsiness.
Ingestion:	May affect health..

4. First aid measures

4.1 Eyes:	Immediately rinse with water for at least 15 minutes.
4.2 Skins:	No first aid required
4.3 Inhalation:	Remove to fresh air and seek medical attention if symptoms persist.
4.4 Ingestion:	Seek medical treatment.

5. Fire protection measures

5.1 Flammability:	Non-flammable.
5.2 Flash Point:	Not suitable...
5.3 Ignition Temperature:	N.D.
5.4 Explosion Limit:	N.D.

Yunsheng New Material Technology (Guangdong) Co., Ltd	Yunsheng Electronic Adhesive (Shenzhen Co., Ltd.)	Yunsion Eletronic Adhesive Pvt Ltd	YUEDU TECHNOLOGY CO., LTD	1 / 4
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5.5 Hazard characteristics: None

5.6 Extinguishing Media:: Use dry powder, foam, and carbon dioxide fire extinguishers.

6. Accidental leakage measures

6.1 Personal Protection: Avoid contact with eyes, avoid inhaling fumes, and ensure containers are tightly sealed.

6.2 Environmental Protection: Prevent entry into sewer systems or water bodies.

6.3 Emergency Response: Stop the source of leakage, avoid direct contact with the leaked material, clean up with absorbent materials, and dispose of it in a container

7. Safe handling and storage methods

7.1 Handling: Wear protective equipment and ensure the workplace is well-ventilated. Avoid eye contact; avoid inhaling fumes, and keep containers tightly sealed. Pay attention to attention to personal hygiene, especially washing thoroughly before eating and smoking.

7.2 Storage: Handle with care, keep away from oxidizing materials. Keep containers tightly sealed to avoid moisture or dampness.

8. Contact control and personal protection

- 8.1 Engineering Controls: Provide ventilation equipment or other methods to maintain levels below the standard. Ensure that eyewash stations and safety showers are close to the workplace.
- 8.2 Personal Protective Equipment for General Handling:
 - Respiratory System: Use standard respirators or gas masks when ventilation is insufficient to reduce fume concentrations in the work area.
 - Eyes: Use appropriate protection - safety glasses are a basic requirement.
 - Hands: No special protection is needed.
 - Skin: Wash thoroughly before meals.
 - Personal Hygiene Measures: Pay attention to personal hygiene measures, wash after contact with the material, especially before eating or smoking.

9. Physical and chemical properties

9.1 Physical State: Viscous liquid

9.2 Color: Yellow or white

9.3 Odor: Slight gasoline-like odor

9.4 Specific gravity: 1.10±0.05

9.5 PH: 7.0±0.5.

9.6 Boiling point: No data

9.7 Melting Point: No data

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9.8 Flash Point:	78°C
9.9 Ignition Point:	460°C
9.10 Explosive Upper Limit:	8.0
9.11 Explosive Lower Limit:	2.0
9.12 Vapor pressure (25°C):	No data
9.13 Relative Vapor Pressure:	No data
9.14 Viscosity (CPS/25°C):	45000~60000
9.15 Molecular Weight:	Not assessed

10. Stability and reactivity

10.1 Stability	stable
10.2 Reactivity	
Conditions to avoid:	None
Incompatibilities:	Can react with strong oxidizers, potentially producing hazardous fumes.
Harmful Aggregation:	None.

11. Toxicological data

11.1 Health Impacts:	See paragraph 3.3
11.2 Allergenicity:	Unknown.
11.3 Mutagenicity:	Unknown
11.4 Carcinogenicity:	Unknown.
11.5 Other Health Hazard Information:	There is no suitable data.

12. Ecological data

12.1 Ecotoxicity:	Not applicable
12.2 Biodegradable:	Not applicable
12.3 Bioaccumulation:	None.

13. Waste Disposal

13.1 Product Handling Methods:	Dispose of the product according to regulations
13.2 Packaging Handling Method:	Dispose of the packaging according to regulations.

14. Shipping Information

14.1 Road and Rail Transport:	Unlimited.
14.2 IMDG	It is not an IMDG code
14.3 IATA	It is not part of IATA regulations.

15. Regulatory Information

15.1 Available Statutes:	General provisions for hazardous and hazardous substances.
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16. Other Information

Yunsheng New Material Technology (Guangdong) Co., Ltd	Yunsheng Electronic Adhesive (Shenzhen Co., Ltd.)	Yunsion Eletronic Adhesive Pvt Ltd	YUEDU TECHNOLOGY CO., LTD	3 / 4
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The data provided in this table may vary under different conditions and under different circumstances.

YUNSION® RECOMMENDS THAT USERS TEST THEIR APPS BEFORE USING THEM.

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I. Overview

7251 is a medium viscosity chloroprene rubber product. It has superior electrical properties and heat resistance compared to other products. This product has high-performance leveling and maintains good adhesion at standard temperatures and upon heating. It is commonly used for assembly in electronic components, SMD, washing machines, and speakers, and is also suitable for adhesion to metals, rubber, plastic, wood, and stone.

II. Features and Advantages

- Good extrudability before curing, rapid curing after mixing A/B components;;;
- Excellent initial adhesion strength, heat resistance, water resistance, and aging resistance ;
- Non-drip property, not prone to sagging;
- Minimal stringiness, easy to work with;
- Widely applicable for adhesion to different materials.

III. Typical Applications

- Insulation, dustproofing, and shockproofing for parts in electrical, audio, and optical equipment;
- Suitable for heat dissipation buffers and air filters in electronic computers;
- Adhesion for metals such as aluminum and iron, and hard plastics like ABS and acrylic;
- Fixing of internal components in printed circuit boards and laser turntables;
- Fixing for large electronic products in welding projects.

IV. Technical Parameters

(The data in this section is obtained from

Yunsion Company laboratory tests, and it is recommended that users refer to actual test values.)

Main Component: Chloroprene Rubber

Appearance: Yellow solution

Viscosity (CPS/25°C): 45000~60000

Solid Content (%): 42±2

Specific Gravity: 1.1±0.05

pH Value: 7±0.1

Surface Drying Time (seconds): 10~20

Shelf Life (at 25°C): 12 months

Temperature Range (°C): (-30~+250)

Adhesion Strength

Time (hours): 3, 24, 72, 168, 240

Strength (KG): 4.2, 10, 15, 21, 21

Electrical Properties

Temperature: 250 hours, 500 hours, 1000 hours

At 20°C: $5 \times 10^{13} \Omega$, $5 \times 10^{13} \Omega$, $5 \times 10^{13} \Omega$

At 80°C: $7 \times 10^{13} \Omega$, $7 \times 10^{13} \Omega$, $9 \times 10^{13} \Omega$

Yunsheng New Material Technology (Guangdong) Co., Ltd	Yunsheng Electronic Adhesive (Shenzhen Co., Ltd.)	Yunsion Eletronic Adhesive Pvt Ltd	Yuedu Technology Co., Ltd	1 / 2
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V. Usage Methods and Safety Measures

- Moisture, dust, oil, and other impurities on the surfaces to be bonded must be removed first;
- Application method: Apply the adhesive evenly on both sides of the materials to be bonded using a brush or similar tool, with an application amount of 150 ~ 250g/m²;
- After application, allow the materials to adhere under normal temperature for 2 ~ 5 minutes before bonding;
- For forced drying: at 50 ~ 60°C for about 4 ~ 6 minutes, or at 80°C for about 2 ~ 3 minutes.
- This adhesive is a solvent-based adhesive and is flammable before drying, so absolutely no fire or flames should be present during the operation.;
- Maintain proper ventilation in the work area.

VI. Packaging

- Available in 1100ML toothpaste tubes or 3KG drums.
- Store in a dry, ventilated, and cool place. The shelf life is 9 months from the production date, after which the curing speed may be moderately extended.

VII. Other Information

- The data provided in this sheet may vary under different conditions and environments. **YUNSION®** recommends that users conduct application testing before use.

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1. Product and manufacturer information

Product name	One-Component Room Temperature Curing Silicone Adhesive 8231
Product Use:	CSP or BGA underfill, etc
Manufacturer name	Yunsheng Electronic Adhesive (Shenzhen) Co., Ltd
address	9 08, Block A, Building 1, Huaqiang Creative Park, Guangming Street, Guangming District, Shenzhen, Guangdong Province (C-518000).
Phone	0755-29184926
fax	0755-29184925
site	www.yunsion.com

2. Chemical composition

Substance composition	Proportion (%)	CAS NO
Base Adhesive	85-95%	63148-60-7
Film	2-5%	471-34-1
Catalyst	1-5%	68478-92-1

3. Hazard description

3.1 Hazard Information:	Harmful if inhaled. Avoid contact with eyes and skin. Do not inhale fumes in case of fire or explosion.
3.2 Routes of contact:	Inhalation, Ingestion, Skin contact.
3.3 Health Effects	
Eyes:	Direct contact may cause mild irritation.
Skin:	Short-term contact will not cause serious harm, but repeated contact may cause irritation.
Inhalation:	Causes mild irritation to the respiratory system; excessive inhalation of fumes may lead fumes may lead to drowsiness.
Ingestion:	May affect health..

4. First aid measures

4.1 Eyes:	Immediately rinse with water for at least 15 minutes.
4.2 Skins:	No first aid required
4.3 Inhalation:	Remove to fresh air and seek medical attention if symptoms persist.
4.4 Ingestion:	Seek medical treatment.

5. Fire protection measures

5.1 Flammability:	Non-flammable.
5.2 Flash Point:	Not applicable
5.3 Ignition Temperature:	N.D.
5.4 Explosion Limit:	N.D.

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5.5 Hazard characteristics:	None
5.6 Extinguishing Media::	Use dry powder, foam, and carbon dioxide fire extinguishers.

6. Accidental leakage measures

6.1 Personal Protection:	Avoid contact with eyes, avoid inhaling fumes, and ensure containers are tightly sealed.
6.2 Environmental Protection:	Prevent entry into sewer systems or water bodies.
6.3 Emergency Response:	Stop the source of leakage, avoid direct contact with the leaked material, clean up with absorbent materials, and dispose of it in a container

7. Safe handling and storage methods

7.1 Handling:	Wear protective equipment and ensure the workplace is well-ventilated. Avoid eye contact; avoid inhaling fumes, and keep containers tightly sealed. Pay attention to attention to personal hygiene, especially washing thoroughly before eating and smoking.
7.2 Storage:	Handle with care, keep away from oxidizing materials. Keep containers tightly sealed to avoid moisture or dampness.

8. Contact control and personal protection

- 8.1 Engineering Controls: Provide ventilation equipment or other methods to maintain levels below the standard. Ensure that eyewash stations and safety showers are close to the workplace.
- 8.2 Personal Protective Equipment for General Handling:
 - Respiratory System: Use standard respirators or gas masks when ventilation is insufficient to reduce fume concentrations in the work area.
 - Eyes: Use appropriate protection - safety glasses are a basic requirement.
 - Hands: No special protection is needed.
 - Skin: Wash thoroughly before meals.
 - Personal Hygiene Measures: Pay attention to personal hygiene measures, wash after contact with the material, especially before eating or smoking.

9. Physical and chemical properties

9.1 Physical State:	Flowing liquid
9.2 Color:	Transparent/white/black
9.3 Odor:	Slight gasoline-like odor
9.4 Specific gravity:	1.0
9.5 PH:	Not Determined (N.D.)
9.6 Boiling point:	N.D
9.7 Melting Point:	N.D

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9.8 Flash Point:	N.D
9.9 Ignition Point:	N.D
9.10 Explosiveness: :	NO
9.11Viscosity:	1300 (unit not specified)
9.12 Vapor pressure (25°C):	ND
9.13 Relative Vapor Pressure:	ND
9.14 Molecular Weight:	Not assessed

10. Stability and reactivity

10.1 Stability	stable
10.2 Reactivity	
Conditions to avoid:	None
Incompatibilities:	Can react with strong oxidizers, potentially producing hazardous fumes.
Harmful Aggregation:	None.

11. Toxicological data

11.1 Health Impacts:	See paragraph 3.3
11.2 Allergenicity:	Unknown.
11.3 Mutagenicity:	Unknown
11.4 Carcinogenicity:	Unknown.
11.5 Other Health Hazard Information:	No suitable data available.

12. Ecological data

12.1 Ecotoxicity:	Not applicable
12.2 Biodegradable:	Not applicable
12.3 Bioaccumulation:	None.

13. Waste Disposal

13.1 Product Handling Methods:	Dispose of the product according to regulations
13.2 Packaging Handling Method:	Dispose of the packaging according to regulations.

14. Shipping Information

14.1 Road and Rail Transport:	Unlimited.
14.2 IMDG	It is not an IMDG code
14.3 IATA	It is not part of IATA regulations.

15. Regulatory Information

15.1 Available Statutes:	General provisions for hazardous and hazardous substances.
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16. Other Information

Yunsheng New Material Technology (Guangdong) Co., Ltd	Yunsheng Electronic Adhesive (Shenzhen Co., Ltd.)	Yunsion Eletronic Adhesive Pvt Ltd	YUEDU TECHNOLOGY CO., LTD	3 / 4
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I. Overview

8231 is a one-component RTV silicone elastomer that cures at room temperature by reacting with moisture in the air; this product exhibits excellent adhesion to most materials such as metals, ceramics, wood, plastics, and glass; the product also features good flame retardancy.

II. Features and Advantages

- Excellent adhesive properties;;
- Neutral curing, non-corrosive to substrates;
- Outstanding chemical resistance and weatherability;
- Superior electrical insulation performance;
- Utilizes a one-component system;
- Exceptional high and low temperature resistance, remains flexible and does not become brittle, harden, or crack at low temperatures of -50°C, and does not soften at high temperatures of 200°C, maintaining good elasticity.

III. Typical Applications

- Fixation, insulation, and sealing of electronic, electrical components, or photovoltaic frames;
- Insulation sealing of household appliance components, as well as moisture and shock prevention;
- Attachment of equipment for waterproofing and dustproofing;
- Reinforcement of cushioning for electronic components;
- Fixation to equipment requiring cooling or heating.

IV. Technical Parameters

(The data in this section is obtained from

Yunسیون Company laboratory tests, and it is recommended that users refer to actual test values.)

Parameter		Unit	Reference Standard	Value	Range
Before Curing	Appearance	~	Visual Inspection	Transparent/white/black	-----
	Tack-free at 25°C, @ 50%	min	GB/T 13477.5-2002	25	15-45
	Extrusion	g	YSA-CI-H07*2	7	2-10
	Corrosion Strength (Cu)		MIL-A-46146B	None	-----
After Curing	Density	g/ml	GB/T 13477.2-2002	1.00	1.0-1.2
	Hardness	ShoreA	GB/T 531.1-2008	45	30-50
	Tensile Strength	MPa	GB/T 528-2009	2.1	> 1.8
	Elongation	%	GB/T 528-2009	120	> 120
	Adhesion Strength	MPa	GB/T 11211-2009	2.6	> 1.8
	Volume Resistivity	Ω • cm	GB/T 1692-2008	1.2×10 ¹⁴	> 10 ¹³
	Breakdown Voltage	KV/mm	GB/T 1695-2005	24	> 20
	Dielectric Constant	50Hz	GB/T 1693-2007	3.0	2.5 ~ 4.0
	Dielectric Loss Factor	50Hz	GB/T 1693-2007	0.015	< 0.04

V. Usage Methods and Safety Measures

- For uncured products, they are irritating to the skin and eyes; avoid prolonged contact with the skin. Before

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info@yunسیون.com	+86 755-29184926	info@yunسیون.com	info@yunسیون.com	

First released: 2014.0501; Second revision: 2018.03.04, third revision: 2024.03.01

handling uncured adhesives, wear safety goggles and protective gloves. Avoid contact with eyes; if contact occurs, immediately flush with water for 15 minutes and consult a physician. In case of skin contact, clean with a cloth and thoroughly wash with soap;

- The surfaces of the substrates to be bonded should be thoroughly cleaned with appropriate solvents, such as alcohol, xylene, etc., and a suitable primer may be used depending on the variations in the bonding substrate;
- Maintain proper ventilation in the work area.

VI. Packaging

- Available in 50ml, 100ml, 300ml, 2600ml, and 250kg, or individually packaged according to customer requirements.

VII. Other Information

- The data provided in this sheet may vary under different conditions and environments. **YUNSION®** recommends that users conduct application testing before use.

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info@yunsion.com	+86 755-29184926	info@yunsion.com	info@yunsion.com	

First released: 2014.0501; Second revision: 2021.11.01; Third revision: 2024.03.01

S1. Product and manufacturer information

Product name	One-Component Room Temperature Curing Silicone Rubber 8238
Product Use:	Adhesion/Sealing/Fixing, etc.
Manufacturer name	Yunsheng Electronic Adhesive (Shenzhen) Co., Ltd
address	9 08, Block A, Building 1, Huaqiang Creative Park, Guangming Street, Guangming District, Shenzhen, Guangdong Province (C-518000).
Phone	0755-29184926
fax	0755-29184925
site	www.yunsion.com

2. Chemical composition

Substance composition	Proportion (%)	CAS NO.
Base Polymer	50%	63148-62-9
Fillers	40%	471-34-1
Aluminum Oxide	5%	21645-51-2
Catalyst	1%	68478-92-2
Curing Agent	3%	1185-55-3
Coupling Agent	1%	2768-02-7

3. Hazard description

3.1 Hazard Information:	If inhaled, it can be harmful. Avoid contact with eyes and skin. In the event of a fire or explosion, do not inhale smoke.
3.2 Routes of contact:	Inhalation, ingestion, skin-to-skin contact.
3.3 Health Effects	
Eye:	Direct contact can cause mild irritation.
Skin:	Short-term exposure does not cause serious effects, and repeated exposure can cause irritation.
Inhale:	Causes slight irritation to the respiratory system, and excessive inhalation of smoke may
Intake:	Ingestion can affect health.

4. First aid measures

4.1 Eyes:	Rinse immediately with water for at least 15 minutes.
4.2 Skins:	First aid is not required.
4.3 Inhalation:	Remove first, get some fresh air, and if symptoms persist, get medical attention.
4.4 Intake:	Get treatment.

5. Fire protection measures

5.1 Flammability:	Non-flammable.
5.2 Flash Point:	Not suitable...

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5.3 Ignition Temperature:	N.D.
5.4 Explosion Limit:	N.D.
5.5 Hazard characteristics:	None
5.6 Fire extinguishing measures:	Dry powder, foam and carbon dioxide fire extinguishers.

6. Accidental leakage measures

6.1 Pay attention to personal protection:	Avoid contact with eyes, avoid inhaling fumes, and keep containers well sealed.
6.2 Pay attention to environmental protection:	It is forbidden to enter the drainage system or water.
6.3 Emergency measures for leakage:	Turn off the leak resource, do not touch the leak directly, clean it with a rag or other substance, and dispose of it in a container.

7. Safe handling and storage methods

7.1 Processing:	Wear protective gear and be equipped with well-ventilated equipment. Avoid eye contact; Avoid inhaling fumes and keep containers well sealed. Pay attention to personal
7.2 Storage:	Be careful and keep away from oxidizing substances. Keep the container well sealed and

8. Contact control and personal protection

8.1 Engineering	Provide ventilation equipment or other methods below the standard value. Make sure eyewash
8.2 General handling of personal protective equipment	
Respiratory	When ventilation equipment is ineffective in reducing smoke concentrations in the work area,
Eye:	Use suitable protection - safety glasses are a basic requirement.
Hand:	No special protection is required.
Skin:	Wash thoroughly before meals.
Personal hygiene	Attention should be paid to personal hygiene measures and washing after contact with materials,

9. Physical and chemical properties

9.1 Physical State:	Viscous, paste-like liquid
9.2 Color:	White, or Black, or Gray
9.3 Odor:	Slight odor
9.4 Specific gravity:	1.6
9.5 PH:	N.A.
9.6 Boiling point:	N.A.
9.7 Melting Point:	N.A.
9.8 Flash Point:	N.A
9.9 Ignition Point:	N.A
9.10 Explosiveness:	not

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9.11 Oxidation:	No
9.12 Vapor pressure (25°C):	N.A
9.13 Relative Vapor Pressure:	N.A
9.14 Viscosity:	210000
9.15 Molecular Weight:	N . A

10. Stability and reactivity

10.1 Stability	stable
10.2 Reactivity	
Conditions to avoid:	None
Incompatibilities:	It can react with strong oxidizing agents and may
Harmful Aggregation:	Not.

11. Toxicological data

11.1 Health Impacts:	See paragraph 3.3
11.2 Allergenicity:	Unknown.
11.3 Mutagenicity:	Unknown
11.4 Carcinogenicity:	Unknown.
11.5 Other Health Hazard Information:	There is no suitable data.

12. Ecological data

12.1 Ecotoxicity:	Square peg.
12.2 Biodegradable:	Square peg.
12.3 Bioaccumulation:	No bioaccumulation.

13. Waste Disposal

13.1 Product Handling Methods:	Dispose of the product as specified.
13.2 Packaging Handling Method:	Dispose of the product as specified.

14. Shipping Information

14.1 Road and Rail Transport:	Unlimited.
14.2 IMDG	It is not an IMDG code
14.3 IATA	It is not part of IATA regulations.

15. Regulatory Information

15.1 Available Statutes:	General provisions for hazardous and hazardous substances.
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16. Other Information

The data provided in this table may vary under different conditions and under different circumstances.
YUNSION® RECOMMENDS THAT USERS TEST THEIR APPS BEFORE USING THEM.

Yunsheng New Material Technology (Guangdong) Co., Ltd	Yunsheng Electronic Adhesive (Shenzhen Co., Ltd.)	Yunsion Eletronic Adhesive Pvt Ltd	CÔNG TY TNHH CÔNG NGHỆ YUEDU	3 / 3
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info@yunsion.com	+86 755-29184926	info@yunsion.com	info@yunsion.com	

I. Overview

8238 is a one-component RTV silicone elastomer that cures at room temperature by reacting with moisture in the air; this product exhibits excellent adhesion to most materials, such as metals, ceramics, wood, plastics, etc.

II. Features and Advantages

- Excellent adhesion to most common substrates;
- Neutral, moisture-curing; non-corrosive to substrates;
- Outstanding chemical resistance and weatherability;
- Excellent electrical insulation performance;
- Easy-to-use one-component formulation;
- Excellent high and low temperature resistance: operating from -50°C to 200°C.

III. Typical Applications

- Adhesion of electrical and electronic equipment;
- Waterproofing, dustproofing, etc., for electrical equipment;
- Insulation and vibration damping for equipment;
- Adhesive fixing for equipment requiring cold and heat resistance.

IV. Technical Parameters

(The data in this section is obtained from the Yunsion Company

laboratory tests, and it is recommended that users refer to actual test values.)

	Characteristics	Unit	ASTM	Range	Radius
Before Curing	Appearance			W*1	—
	Tack-free time (25°C/50%)	min		10	< 10
	Viscosity (23°C)	CPS	6#, 10rpm	210,000	—
	Extrusion	g	YSA-CI-H07*2	5	2.0 ~ 10
	Copper Corrosion (Cu)		MIL-A-46146B	None	—
After Curing	Density	g/ml	D792	1.60	1.55 ~ 1.65
	Hardness	Shore A	D2240	65	> 60
	Tensile Strength	Mpa	D412	2.1	> 1.8
	Elongation	%	D412	120	> 80
	Adhesion Strength (Al)	Mpa (Al)	D1002	2.1	> 1.5
	Volume Resistivity	Ω · cm	D257	1.2×10 ¹⁴	> 10 ¹³
	Dielectric Strength	KV/mm	D149	25	> 20
	Dielectric Constant	50Hz	D150	3	2.5 ~ 4.0
	Dielectric Constant	50Hz	D150	0.015	< 0.04
	D3-D10	ppm		< 100	—

Adhesion Performance

Substrate	Performance	Adhesion Strength (Mpa)
Copper	Excellent	1.8
Aluminum	Excellent	2.1
Stainless Steel	Excellent	2.0
Brass	Excellent	2.0

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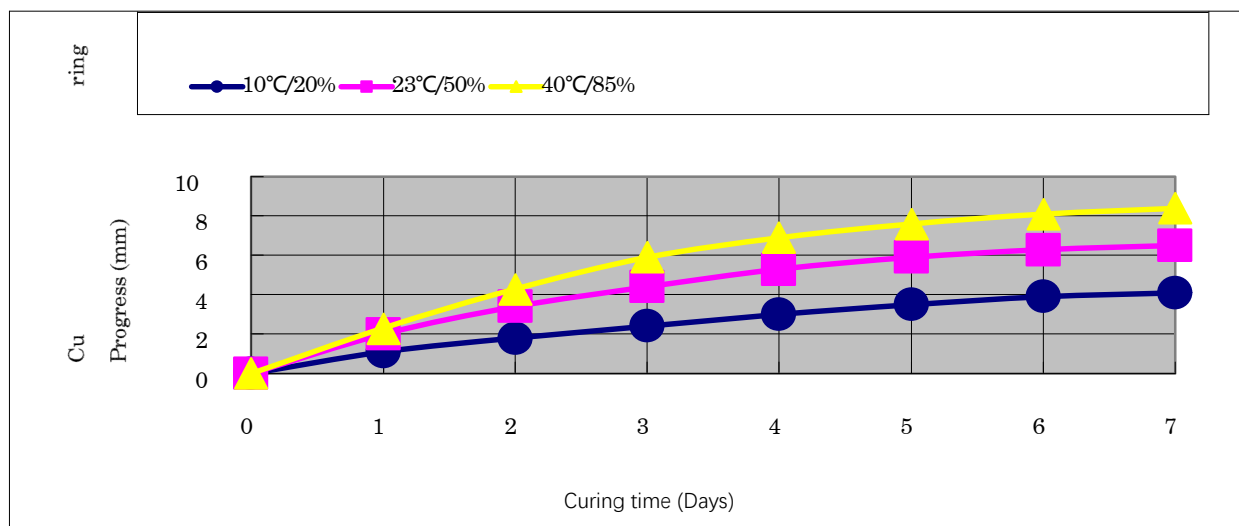
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ABS	Excellent	1.8
PET	Excellent	2.0

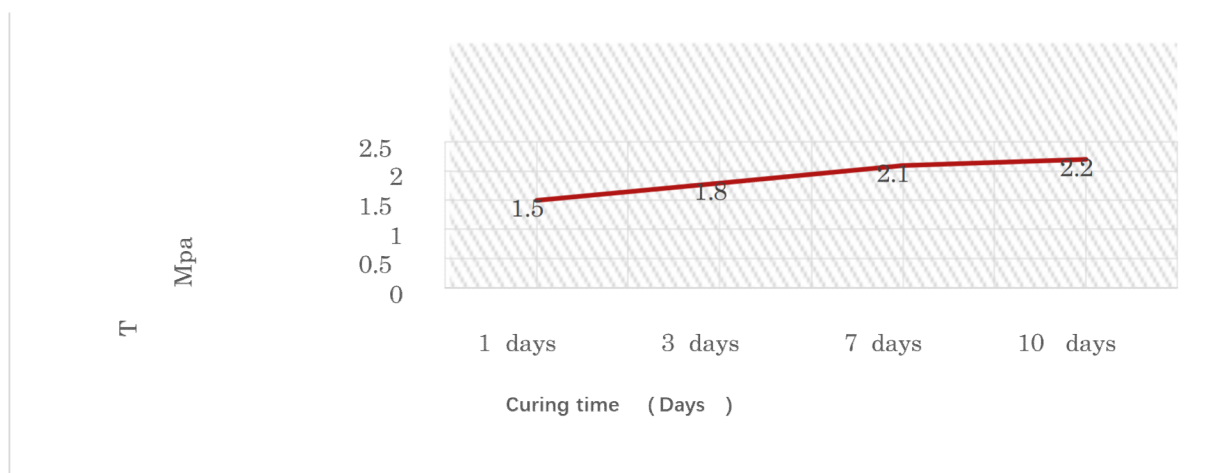
V. Curing Speed

Curing Conditions (Days)	1	2	3	4	5	6	7
10°C/20%RH(mm)	1.1	1.8	2.4	3	3.5	3.9	4.1
23°C/50% RH (mm)	2	3.4	4.4	5.3	5.9	6.3	6.5
40°C/85% RH (mm)	2.3	4.3	5.9	6.9	7.6	8.1	8.4

Curing Curve



Tensile Strength



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VI. Aging Test



Immersion Test

Test Conditions	Dielectric Strength (KV/mm)	Volume Resistivity ($\Omega \cdot \text{cm}$)	Volume Resistivity ($\Omega \cdot \text{cm}$)
Initial State	25.5	1.2×10^{14}	1.3×10^{13}
After 16 Hours Immersion	24.8	1.0×10^{14}	1.6×10^{13}

VII. Usage Methods and Safety Measures

- The uncured product is irritating to the skin and eyes; avoid prolonged contact with the skin.
- Wear safety goggles and protective gloves when handling uncured adhesive. In case of eye contact, rinse immediately with water for at least 15 minutes and consult a physician. If skin contact occurs, clean with a cloth, and thoroughly wash with soap;
- The substrate surface should be thoroughly cleaned with an appropriate solvent (such as alcohol, xylene, etc.). Depending on the substrate, use an appropriate primer if necessary;
- The work area should be well ventilated;;
- This product is developed for industrial use;
- The product releases gases during curing.

VIII. Packaging

Available in 50ml, 100ml, 300ml, 2600ml, or 300kg/drum.

IX. Storage:

- Store in a cool place;
- Keep out of reach of children;
- Shelf life is 6 months.

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X. Product Identification

The ID can identify our products, and the following is the ID coding principle:

Item	Formula Code	Tack-free Time	Density	UL	Physical State	Color
ID	2385	10	160	V0	P	W

W=Whit

e,B=Black,C=C

r

ystal,G=Gray.

XI. Other Information

The data provided in this sheet may vary under different conditions and environments. **YUNSION®** recommends that users conduct application testing before use.

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KD1003A (MSDS)

SECTION 1: Identification

Product identifier: KD1003A

Recommended use: Part A of 2 -Component Acrylic Adhesive, Structural adhesive

MANUFACTURER: Shanghai Kangda New Materials Group Co., Ltd.

ADDRESS: No.169 Leizhou Road, Fengxian District, Shanghai, China

Telephone: 021-58381668 **Fax:** 021-58380450

SECTION 2: Hazard identification

DANGER:

FLAMMABLE LIQUID AND VAPOR.

CAUSES SKIN IRRITATION.

MAY CAUSE AN ALLERGIC SKIN REACTION.

CAUSES SERIOUS EYE DAMAGE.

MAY CAUSE RESPIRATORY IRRITATION.

Hazard classification

Flammable Liquid: Category 3.

Skin Corrosion/Irritation: Category 2.

Skin Sensitizer: Category 1.

Serious Eye Damage: Category 1.

Specific Target Organ Toxicity (single exposure): Category 3.

Pictograms



Precautionary Statements

Prevention:

Keep away from heat, sparks, open flames, hot surfaces - no smoking. Keep container tightly closed. No release into water. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

Response:

If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician 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. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

Storage:

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

Disposal:

Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

SECTION 3: Composition/information on ingredients

Hazardous Component(s)	CAS NO.	Percentage
Methyl methacrylate	80-62-6	20-50
High boiling methacrylate	Proprietary	10-30
Methacrylic acid	79-41-4	5-20
Methacrylate ester	Proprietary	5-20
N,N-Dimethyl-p-toluidine	99-97-8	0.1-5

SECTION 4: First aid measures

Inhalation:

Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

Skin Contact:

Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

Ingestion:

DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: Fire-fighting measures

Extinguishing media

Foam, dry chemical or carbon dioxide.

Special firefighting procedures:

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards:

Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

Hazardous combustion products:

Oxides of carbon. Oxides of nitrogen. Hydrogen cyanide. Toxic fumes. Irritating vapors.

SECTION 6: Accidental release measures

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods:

Remove all sources of ignition. Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

SECTION 7: Handling and storage

Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Make sure containers are properly grounded before use or transfer of material. Keep container closed.

For safe storage, store between 2 °C and 8 °C

Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame. Protect from direct sunlight. Maintain head space in storage containers to support oxygen requirements of the inhibitor(s).

SECTION 8: Exposure controls/personal protection

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Methyl methacrylate	50 ppm TWA 100 ppm STEL (Dermal sensitization)	100 ppm (410 mg/m ³) PEL	None	50 ppm
High boiling methacrylate	None	None	None	None
Methacrylic acid	20 ppm TWA	None	None	None
Methacrylate ester	None	None	None	None
N,N-Dimethyl-p-toluidine	None	None	0.5 ppm TWA	None

Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

SECTION 9: Physical and chemical properties

Physical state:	Liquid, high viscosity
Color:	Amber
Odor:	Acrylic
pH	<i>Not Applicable</i>
Melting point	<i>Not Applicable</i>
Boiling Point	<i>Not Applicable</i>
Flash Point	24 °C [<i>Test Method:</i> Closed Cup]
Evaporation rate	<i>No Data Available</i>
Solubility in Water	Slight (less than 10%)
Autoignition temperature	<i>No Data Available</i>
Decomposition temperature	<i>No Data Available</i>

SECTION 10: Stability and reactivity

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Polymerization may occur at elevated temperatures or upon depletion of inhibitor.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen. Hydrogen cyanide. Toxic fumes. Irritating vapors.

Incompatible materials: Bases. Acids. Reducing agents. Oxidizing agents. Peroxides.

Reactivity: Not available.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight. Loss of polymerization inhibitor. Loss of dissolved air. Do not mix in batches greater than 100 grams (0.22 pounds) unless you plan to use immediately.

SECTION 11: Toxicological information

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation. Drowsiness. Dizziness.

Skin contact: Causes skin irritation. May cause allergic skin reaction.

Eye contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Methyl methacrylate	Oral LD50 (Rat) = 7,800 mg/kg Oral LD50 (Rabbit) = 6,000 mg/kg Oral LD50 (Rat) = 9,400 mg/kg	Allergen, Irritant, Kidney, Liver, Mutagen, Nervous System, Respiratory
High boiling methacrylate	None	Irritant, Allergen
Methacrylic acid	Oral LD50 (Mouse) = 1,332 mg/kg Oral LD50 (Mouse) = 1,600 mg/kg Oral LD50 (Mouse) = 1,250 mg/kg Oral LD50 (Rabbit) = 1,200 mg/kg Oral LD50 (Rat) = 1,060 mg/kg Oral LD50 (Rat) = 2,224 mg/kg Dermal LD50 (Rabbit) = 500 mg/kg Inhalation LC50 (Rat, 4 h) = 7.1 mg/l	Corrosive, Irritant, Allergen
Methacrylate ester	None	Irritant, Allergen
N,N-Dimethyl-p-toluidine	None	Mutagen, Allergen

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Methyl methacrylate	No	No	No
High boiling methacrylate	No	No	No
Methacrylic acid	No	No	No
Methacrylate ester	No	No	No
N,N-Dimethyl-p-toluidine	No	Group 2B	No

SECTION 12: Ecological information

Ecotoxicological information: Not available.

SECTION 13: Disposal considerations

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: D001: Ignitable.

SECTION 14: Transport Information

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name:	Adhesives
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II
DOT Hazardous Substance(s):	Methyl methacrylate

International Air Transportation (ICAO/IATA)

Proper shipping name:	Adhesives
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II

Water Transportation (IMO/IMDG)

Proper shipping name:	ADHESIVES
Hazard class or division:	3
Identification number:	UN 1133
Packing group:	II

SECTION 15: Regulatory information

The components of this product are in compliance with the chemical notification requirements of TSCA. Contact Kangda for more information.

SECTION 16: Other information

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. KANGDA MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Kangda product is fit

for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Kangda product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Kangda product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.

KD1003B (MSDS)

SECTION 1: Identification

Product identifier: KD1003B

Recommended use: Part B of 2 -Component Acrylic Adhesive, Structural adhesive

MANUFACTURER: Shanghai Kangda New Materials Group Co., Ltd.

ADDRESS: No.169 Leizhou Road, Fengxian District, Shanghai, China

Telephone: 021-58381668 **Fax:** 021-58380450

SECTION 2: Hazard identification

WARNING:

HEATING MAY CAUSE A FIRE.

CAUSES SKIN IRRITATION.

MAY CAUSE AN ALLERGIC SKIN REACTION.

CAUSES SERIOUS EYE IRRITATION.

Hazard classification

Organic Peroxide: Category E.

Skin Irritation: Category 2.

Eye Irritation: Category 2A.

Skin Sensitizer: Category 1.

Pictograms



Precautionary Statements

Prevention:

Keep away from heat, sparks, open flames, hot surfaces - no smoking. Keep away from clothing and other combustible materials. Keep only in original container. Avoid breathing dust or fumes. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection.

Response:

IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

Storage:

Protect from sunlight. Store at temperatures not exceeding 38 °C. Keep cool. Store away from other materials.

Disposal:

Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

SECTION 3: Composition/information on ingredients

Hazardous Component(s)	CAS NO.	Percentage
Benzoyl peroxide	94-36-0	10-30
Epoxy resin	Proprietary	10-30

SECTION 4: First aid measures**Inhalation:**

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.

Skin Contact:

Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

Ingestion:

DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: Fire-fighting measures**Extinguishing media**

Foam, dry chemical or carbon dioxide.

Special firefighting procedures:

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards:

Danger of decomposition if exposed to heat. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.

Hazardous combustion products:

Oxides of carbon. Phenolics. Toxic fumes. Irritating vapors.

SECTION 6: Accidental release measures

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods:

Remove all sources of ignition. Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

SECTION 7: Handling and storage

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Keep container closed. Make sure containers are properly grounded before use or transfer of material.

Storage: For safe storage, store at or below 38 °C.

Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame. Protect from direct sunlight.

SECTION 8: Exposure controls/personal protection

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
Benzoyl peroxide	5 mg/m ³ TWA	5 mg/m ³ PEL	None	None
Epoxy resin	None	None	None	None

Engineering controls: Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

Respiratory protection: Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

Eye/face protection: Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

Skin protection: Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

SECTION 9: Physical and chemical properties

Physical state:	Liquid, high viscosity
Color:	Blue
Odor:	Mild
pH	<i>Not Applicable</i>
Melting point	<i>Not Applicable</i>
Boiling Point	<i>Not Applicable</i>
Flash Point	> 93 °C [<i>Test Method</i> : Closed Cup]
Evaporation rate	<i>No Data Available</i>
Solubility in Water	<i>No Data Available</i>
Autoignition temperature	<i>No Data Available</i>
Decomposition temperature	<i>No Data Available</i>

SECTION 10: Stability and reactivity

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Hazardous polymerization can occur with elevated temperatures.

Hazardous decomposition products: Oxides of carbon. Benzene. Toxic fumes. Irritating vapors.

Incompatible materials: Oxidizing agents. Reducing agents. Acids. Bases. Amines. Rust. Iron. Copper. Heavy metals.

Reactivity: Not available.

Conditions to avoid: Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight. Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately.

SECTION 11: Toxicological information

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.

Skin contact: Causes skin irritation. May cause allergic skin reaction.

Eye contact: Causes serious eye damage.

Ingestion: May cause gastrointestinal disturbances.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
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Benzoyl peroxide	Oral LD50 (RAT) = 7,710 mg/kg	Allergen, Irritant, Mutagen
Epoxy resin	None	Allergen, Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Benzoyl peroxide	No	No	No
Epoxy resin	No	No	No

SECTION 12: Ecological information

Ecotoxicological information: Not available.

SECTION 13: Disposal considerations

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

Hazardous waste number: D001: Ignitable.

SECTION 14: Transport Information

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: Organic peroxide type E, solid (Dibenzoyl peroxide, paste)
Hazard class or division: 5.2
Identification number: UN 3108
Packing group: II

International Air Transportation (ICAO/IATA)

Proper shipping name: Organic peroxide type E, solid (Dibenzoyl peroxide, paste)
Hazard class or division: 5.2 (HEAT)
Identification number: UN 3108
Packing group: II

Water Transportation (IMO/IMDG)

Proper shipping name: ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) (Epoxy resin)
Hazard class or division: 5.2
Identification number: UN 3108
Packing group: II
Marine pollutant: Epoxy resin

SECTION 15: Regulatory information

The components of this product are in compliance with the chemical notification requirements of TSCA. Contact Kangda for more information.

SECTION 16: Other information

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. KANGDA MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the Kangda product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of a Kangda product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Kangda product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.