

[KR] **위해성분:** 납 • H360-H362 태아 또는 생식능력에 손상을 일으킬 수 있음 모유를 먹는 아이에게 유해할 수 있음 H372 중추 신경계, 신장 그리고 혈액 을 장시간 또는 반복된 노출 로 인하여 손상시키다. P201 사용 전 취급 설명서를 확보하십시오. P260 분진을 연무를 흡입하지 마시오. P263 임신·수유 기간에는 접촉하지 마시오. P280 (보호장갑·보호의·보안경·안면보호구)를(을) 착용하십시오. P308+P313 노출 되거나 노출이 우려되면 의학 적인 조치·조언을 구하십시오. • 상업적 용도에서만 사용

[RS] **OPASNOST • Proizvod sadrži: olovo • H360FD-H362** Može štetno da utiče na plodnost. Može štetno da utiče na plod. Može da ima štetno dejstvo na odojčad. H372 Dovodi do oštećenja centralni nervni sistem i bubreg e i krv usled dugotrajnog ili višekratnog izlaganja. P201 Pribaviti posebna uputstva pre upotrebe. P260 Ne udisati prašinu ili maglu. P263 Izbegavati kontakt za vreme trudnoće ili dojenja. P280 Nositi zaštitne rukavice/ zaštitnu odevu/ zaštitne naočare/ zaštitu za lice. P308+P313 Ako dode do izlaganja ili se sumnja da je došlo do izlaganja: Potražiti medicinski savet/ mišljenje. • Samo za profesionalnu primenu

[RU] **ОПАСНО • Продукт содержит: свинец • H360FD-H362** Может отрицательно повлиять на способность к деторождению. Может причинить вред неродившемуся ребёнку. Может нанести вред грудным детям. H372 При длительном или многократном воздействии оказывает вредное влияние на центральную нервную систему и почки и кровь. P201 Перед использованием получить специальные инструкции. P260 Не вдыхать пыль или туман. P263 Избегать контакта в период беременности / грудного вскармливания. P280 Пользоваться защитными перчатками/защитной одеждой/ средствами защиты глаз/лица. P308+P313 При оказании воздействия или обеспокоенности: Обратиться к врачу. • Только для промышленного использования

[SE] **FARA • Produkten innehåller: bly i massiv form [partikeldiameter ≥ 1 mm] • H360FD-H362** Kan skada fertiliteten. Kan skada det ofödda barnet. Kan skada spädbarn som ammas. H372 Orsakar skador på det centrala nervsystemet och njurarna och blod genom lång eller upprepad exponering. P201 Inhämta särskilda instruktioner före användning. P260 Inandas inte damm eller dimma. P263 Undvik kontakt under graviditet eller amning. P280 Använd skyddshandskar/skyddskläder/ögonskydd/ansiktsskydd. P308+P313 Vid exponering eller misstanke om exponering Sök läkarhjälp. • Endast för yrkesmässigt bruk.

[SK] **NEBEZPEČENSTVO • Produkt obsahuje: celistvé olovo [priemer častíc ≥ 1 mm] • H360FD-H362** Môže poškodiť plodnosť. Môže poškodiť nenarodené dieťa. Môže spôsobiť poškodenie u dojčených detí. H372 Spôsobuje poškodenie centrálny nervový systém a obličky a krvi pri dlhšej alebo opakovanej expozícii. P201 Pred použitím sa oboznámte s osobitnými pokynmi. P260 Nevychypte prach alebo hmlu. P263 Zabráňte kontaktu počas tehotenstva a dojčenia. P280 Noste ochranné rukavice/ochranný odev/ochranné okuliare/ochranu tváre. P308+P313 Po expozícii alebo podozrení z nej: Vyhľadajte lekársku pomoc/starostlivosť. • Len na odborné použitie.

[SI] **NEVARNO • Izdelek vsebuje: masivni svinec [premer delcev ≥ 1 mm] • H360FD-H362** Lahko škoduje plodnosti. Lahko škoduje nerojenemu otroku. Lahko škoduje dojenim otrokom. H372 Škoduje preko osrednjega živčnega sistema in ledvicam in krvi pri dolgotrajni ali ponavljajoči se izpostavljenosti. P201 Pred uporabo pridobiti posebna navodila. P260 Ne vdihavati prahu ali meglice. P263 Preprečiti stik med nosečnostjo/dojenjem. P280 Nositi zaščitne rokavice/zaščitno obleko/zaščitno za oči/zaščitno za obraz. P308+P313 PRI izpostavljenosti ali sumu izpostavljenosti: poiščite zdravniško pomoč/oskrbo. • Samo za poklicne uporabnike.

[TR] **TEHLIKE • İçindekiler: kurşun • H360FD-H362** Üremeye zarar verebilir. Doğmamış çocukta hasara yol açabilir. Emzirilen çocuğa zarar verebilir. H372 Uzun süreli veya tekrarlı maruz kalma sonucu Merkezi sinir sistemi ve Böbreklere ve kana hasara yol açar. P201 Kullanmadan önce özel talimatları okuyun. P260 Tozunu veya sisini solumayın. P263 Hamilelikte/anne sütü verirken temastan kaçının. P280 Korumayın eldiven/koruyucu kıyafet/göz koruyucu/yüz koruyucu kullanın. P308+P313 Maruz kalınma veya etkileşme halinde İSE: Tıbbi yardım/bakım alın. • Sadece ticari kullanım için

[VN] **Nguy hiểm vì chứa thành phần: chì • H360FD-H362** Có thể ảnh hưởng đến khả năng sinh sản. Có thể có hại cho thai nhi. Có thể có hại đối với trẻ đang trong thời kì bú sữa. H372 Gây hại đến Hệ thần kinh trung ương, Thận, máu thông qua tiếp xúc kéo dài hoặc lặp đi lặp lại P201 Nắm được những chỉ dẫn đặc biệt trước khi sử dụng. P260 Không hít thở bụi hoặc là sương. P263 Tránh tiếp xúc trong suốt thời gian mang thai/cho con bú. P280 Đeo găng tay bảo vệ/mặt nạ bảo hộ/dùng cụ bảo vệ mắt/bảo vệ mặt. P308+P313 NEU tiếp xúc hoặc chạm phải: Hãy xin chỉ dẫn của bác sĩ/ thận trọng • Chỉ sử dụng cho mục đích thương mại.

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[DE] **GEFAHR • Produkt enthält: Blei • H360FD-H362** Kann die Fruchtbarkeit beeinträchtigen. Kann das Kind im Mutterleib schädigen. Kann Säuglinge über die Muttermilch schädigen. H372 Schädigt das zentrale Nervensystem, die Nieren und das Blut bei längerer oder wiederholter Exposition. P201 Vor Gebrauch besondere Anweisungen einholen. P260 Staub oder Nebel nicht einatmen. P263 Kontakt während der Schwangerschaft/und der Stillzeit vermeiden. P280 Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen. P308+P313 Bei Exposition oder falls betroffen: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen. • Nur für gewerbliche Anwender.

[EN] **DANGER • Product contains: lead • H360FD-H362** May damage fertility. May damage the unborn child. May cause harm to breast-fed children. H372 Causes damage to the central nervous system, the kidneys and the blood through prolonged or repeated exposure. P260 Do not breathe dusts or mists. P201 Obtain special instructions before use. P263 Avoid contact during pregnancy/while nursing. P280 Wear protective gloves/protective clothing/eye protection/face protection. P308+P313 IF exposed or concerned: Get medical advice/attention. • Restricted to professional users.

[BG] **ОПАСНО • Продуктът съдържа: Олово в масивна форма [диаметър на частицата ≥ 1 mm] • H360FD-H362** Може да увреди оплодителната способност. Може да увреди плода. Може да бъде вреден за кърмачета. H372 Уврежда централната нервна система и бъбреците и кръвта при продължителна или повтаряща се експозиция. P201 Преди употреба се снабдете със специални инструкции. P260 Не вдъшвайте прах или дим. P263 Да се избягва контакт по време на бременност/при кърмене. P280 Използвайте предпазни ръкавици/предпазно облекло/предпазни очила/предпазна маска за лице. P308+P313 ПРИ явна или предполагаема експозиция: Потърсете медицински съвет/помощ. • Само за професионална употреба.

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[CZ] **NEBEZEPEČÍ** • Produkt obsahuje: celistvé olovo [průměr částic ≥ 1 mm] • **H360FD-H362** Může poškodit reprodukční schopnost. Může poškodit plod v těle matky. Může poškodit kojence prostřednictvím mateřského mléka. **H372** Způsobuje poškození centrálního nervového systému a ledvin a krve při prodloužené nebo opakované expozici. **P201** Před použitím si obstarajte speciální instrukce. **P260** Nevdechujte prach nebo mlhu. **P263** Zabraňte styku během těhotenství/kojení. **P280** Používejte ochranné rukavice/ochranný oděv/ochranné brýle/obličejový štít. **P308+P313** Při expozici nebo podezření na ni: Vyhledejte lékařskou pomoc/oseťeni. • Pouze pro profesionální uživatele.

[DK] **FARE** • Produkt indeholder: bly • **H360FD-H362** Kan skade forplantningsevnen. Kan skade det ufødte barn. Kan skade børn, der ammes. **H372** Beskadiger det centrale nervesystem, nyrerne og blod ved længere eller gentagen eksponering. **P201** Indhent særlige anvisninger før brug. **P260** Indånd ikke pulver eller tåge. **P263** Undgå kontakt under graviditet/amning. **P280** Bær beskyttelseshandsker/beskyttelsestøj/øjneskyttelse/ansigtsbeskyttelse. **P308+P313** Ved eksponering eller mistanke om eksponering: Søg lægehjælp. • Nur für den gewerblichen Gebrauch.

[ES] **PELIGRO** • El producto contiene: plomo • **H360FD-H362** Puede perjudicar a la fertilidad. Puede dañar al feto. Puede perjudicar a los niños alimentados con leche materna. **H372** Provoca daños en el sistema nervioso central, los riñones y la sangre tras exposiciones prolongadas o repetidas **P201** Solicitar instrucciones especiales antes del uso. **P260** No respirar polvo o nieblas. **P263** Evitar el contacto durante el embarazo/la lactancia. **P280** Llevar guantes/prendas/gafas/máscara de protección. **P308+P313** EN CASO DE exposición manifiesta o presunta: Consultar a un médico. • Reservado exclusivamente a usuarios profesionales.

[EE] **ETTEVAATUST** • Toode sisaldab: plii massiivsel kujul [osakeste diameeter ≥ 1 mm] • **H360FD-H362** Võib kahjustada viljakust. Võib kahjustada loodet. Võib kahjustada rinnaga toidetavat last. **H372** Kahjustab kesknärvisüsteemi ja neerusid ja veri pikaajalisel või korduval kokkupuutel. **P260** Tolmu või udu mitte sisse hingata. **P201** Enne kasutamist tutvuda erijuhistega. **P263** Vältida kokkupuudet raseduse/imetamise ajal. **P280** Kanda kaitsekindaid/kaitserõivastust/kaitseprille/kaitsemaski. **P308+P313** Kokkupuute või kokkupuutekahtluse korral: pööruda arsti poole. • Üksnes kutsealaseks kasutamiseks.

[EG] خطر-يحتوي على-الرصاص • **H360FD-H362** قد يضر الخصوبة قد يضر الالجنة قد يسبب ضرا لاطفال الرضاعة الطبيعية **H372** يسبب ضرر إلى الجهاز العصبي المركزي، الكلىو الدم من خلال التعرض طويل الأمد أو المتكرر **P260** لا تنفس الغبار أو الضباب **P263** يلزم تجنب لمس المرأة أثناء الحمل وعند الحملات الرضاع **P280** نيس قفازات للحماية /ملايس للحمامة /واقف أو قوـــــــــــــــــــــــــــــــــم للوجه **P308+P313** إذا حدث تعرض أو قلق : تطلب استشارة طبية /رعاية طبية. **P201** يلزم الحصول على تعليمات خاصة قبل الاستخدام. • للاستخدام التجاري فقط

[FR] **DANGER** • Le produit contient: plomb • **H360FD-H362** Peut nuire à la fertilité. Peut nuire au foetus. Peut être nocif pour les bébés nourris au lait maternel. **H372** Risque avéré d’effets graves pour le système nerveux central, les reins et le sang à la suite d’expositions répétées ou d’une exposition prolongée. **P201** Se procurer les instructions spéciales avant utilisation. **P260** Ne pas respirer les poussières ou les brouillards. **P263** Éviter tout contact avec la substance au cours de la grossesse/pendant l’allaitement. **P280** Porter des gants de protection/des vêtements de protection/un équipement de protection des yeux/du visage. **P308+P313** EN CAS d’exposition prouvée ou suspectée: consulter un médecin. • Réservé aux utilisateurs professionnels.

[FI] **VAARA** • Tuote sisältää: liijy massiivimuodossa [hiukkasten halkaisija ≥ 1 mm] • **H360FD-H362** Saattaa heikentää hedelmällisyyttä. Voi vaurioittaa sikiötä. Saattaa aiheuttaa haittaa rintaruokinnassa oleville lapsille. **H372** Vahingoittaa keskushermostoa ja munuaisia ja veri pitkäaikaisessa tai toistuvassa altistumisessa. **P201** Lue erityisohjeet ennen käyttöä. **P260** Älä hengitä pölyä tai sumua. **P263** Vältä kosketusta raskauden tai imetyksen aikana. **P280** Käytä suojakäsineitä/suojavaatetusta/silmien suojainta/kasvosuojainta. **P308+P313** Altistumisen tapahduutta tai jos epäillään altistumista: Hakeudu lääkäriin. • Vain ammattikäyttöön.

[GR] **ΚΙΝΔΥΝΟΣ** • Το προϊόν περιέχει: Μόλυβδος σωματίων [διάμετρος σωματιδίων ≥ 1 mm] • **H360FD-H362** Μπορεί να βλάψει τη γονιότητα. Μπορεί να βλάψει το έμβryo. Μπορεί να βλάψει τα βρέφη που τρέφονται με μητρικό γάλα. **H372** Προκαλεί βλάβες στο κεντρικό νευρικό σύστημα και στους νεφρούς και στο αίμα ύστερα από παρατεταμένη ή επανειλημμένη έκθεση. **P201** Εφοδιάστετε με τις ειδικές οδηγίες πριν από τη χρήση. **P260** Μην αναπνέετε σκόνη ή σταγονίδια. **P263** Αποφεύγετε την επαφή στη διάρκεια της εγκυμοσύνης/γαλουχίας. **P280** Να φοράτε προστατευτικά γάντια/προστατευτικά ενδύματα/μέσα απομικρή προστασία για τα μάτια/πρόσωπο. **P308+P313** ΣΕ ΠΕΡΙΠΤΩΣΗ έκθεσης ή πιθανότητας έκθεσης: Συμβουλευθείτε/Επισκεφθείτε γιατρό. • Μόνο για επαγγελματική χρήση.

[HU] **VESZÉLY** • A termék tartalmaz: ólom tömör formában [részecskeátmérő ≥ 1 mm] • **H360FD-H362** Károsíthatja a termékenységét. Károsíthatja a születendő gyermekét. A szoptatótt gyermeket károsíthatja. **H372** Hosszabb idejű vagy ismételt expozíció esetén károsítja a központi idegrendszert és a vesét és a vért. **P201** Használat előtt ismerje meg az anyagra vonatkozó különleges utasításokat. **P260** A por vagy köd belélegzése tilos. **P263** A terhesség/szoptatás alatt kerülni kell az anyaggal való érintkezést. **P280** Védőkesztyű/védőruha/szemvédő/arcvédő használata kötelező. **P308+P313** Expozíció vagy annak gyanúja esetén: orvosi ellátást kell kérni. • Kizárólag szakmai felhasználó részére.

[HR] **OPASNOST** • Proizvod sadrži: olovo u čvrstom stanju [čestice promjera ≥ 1 mm] • **H360FD-H362** Može štetno djelovati na plodnost. Može naškoditi nerođenom djetetu. Može štetno djelovati na djecu koja se hrane majčinim mlijekom. **H372** Oštećuje središnji živčani sustav i bubrege i krv kod dužeg ili ponovljenog izlaganja. **P201** Prije uporabe pribaviti posebne upute. **P260** Ne udisati prašinu ili maglu. **P263** Izbjegavati dodir tijekom trudnoće/dojenja. **P280** Nositi zaštitne rukavice/zaštitnu odjeću/zaštitu za oči/zaštitu za lice. **P308+P313** U SLUČAJU izloženosti ili sumnje na izloženost: zatražiti savjet/pomoć liječnika. • Samo za profesionalne korisnike.

[IT] **PERICOLO** • Il prodotto contiene: piombo • **H360FD-H362** Può nuocere alla fertilità. Può nuocere al feto. Può essere nocivo per i lattanti allattati al seno. **H372** Provoca danni al sistema nervoso centrale, ai reni e al sangue in caso di esposizione prolungata e ripetuta. **P201** Procurarsi istruzioni specifiche prima dell’uso. **P260** Non respirare la polvere o la nebbia. **P263** Evitare il contatto durante la gravidanza/l’allattamento. **P280** Indossare guanti/indumenti protettivi/Proteggere gli occhi/il viso. **P308+P313** IN CASO di esposizione o di possibile esposizione, consultare un medico. • Uso ristretto agli utilizzatori professionali.

[LT] **PAVOJINGA** • Gaminio sudėtyje yra: masyvio formos švinas [daletjų skersmuo ≥ 1 mm] • **H360FD-H362** Gali pakenkti vaisingumui. Gali pakenkti negimusiui kūdikiui. Gali pakenkti žindomam vaikui. **H372** Kenkia centrinei nervy sistemai, inkstams ir kraujas, jeigu medžiaga veikia ilgai arba kartotinai. **P201** Prieš naudojimą gauti specialias instrukcijas. **P260** Neikvėpti dulkių arba rūko. **P263** Vengti kontakto nėštumo metu/maitinant krūtimi. **P280** Mūvėti apsaugines pirštines / dėvėti apsauginius drabužius / naudoti akių (veido) apsaugos priemones. **P308+P313** Esant sąlyčiui arba jeigu numanomas sąlytis: kreiptis į gydytoją. • Skirta tik profesionaliems naudotojams.

[LV] **DRAUDI** • Produkts satur: svins masīvā formā [daļiņu diametrs ≥ 1 mm] • **H360FD-H362** Var negatīvi ietekmēt auglību. Var nodarīt kaitējumu nedzimušam bērnam. Var radīt kaitējumu ar krūti barotam bērnam. **H372** Izraisa centrālās nervu sistēmas, nieru un asinis bojājumus ilgstošas vai atkārtotas iedarbības rezultātā. **P201** Pirms lietošanas saņemt speciālu instruktažu. **P260** Nieieļot putekļus vai dūmus. **P263** Izvairīties no saskares grūtniecības laikā/barojot bērnu ar krūti. **P280** Izmantot aizsargcimdus/aizsargdrēbes/acu aizsargus/sejas aizsargus. **P308+P313** Ja nokļūst saskarē vai saistīts ar to: lūdziet medicīnu palīdzību. • Tikai profesionāliem lietotājiem.

[NO] **FARE** • Produktet inneholder: blyforbindelser, unntatt de som er nevnt andre steder i listen • **H360FD-H362** Kan skade forplantningsevnen. Kan gi fosterskader. Kan skade barn som ammes. **H372** Forårsaker skader på det sentrale nervesystemet og nyrene og blodet ved lengre eller gjentatt eksponering. **P201** Innhent særskilt instruks før bruk. **P260** Ikke innånd støv eller tåke. **P263** Unngå kontakt under graviditet/amming. **P280** Benytt vernehansker/verneklær/vernebriller/ansiktsskjerm. **P308+P313** Ved eksponering eller mistanke om eksponering: Søk legehjelp. • Restricted to professional users.

[NL] **GEVAAR** • Produkt bevat: lood • **H360FD-H362** Kan de vruchtbaarheid schaden. Kan het ongeboren kind schaden. Kan schadelijk zijn via borstvoeding. **H372** Veroorzaakt schade aan het centrale zenuwstelsel en de nieren en bloed bij langdurige of herhaalde blootstelling. **P201** Alvorens te gebruiken de speciale aanwijzingen raadplegen. **P260** Stof of nevel niet inademen. **P263** Bij zwangerschap of borstvoeding aanraking vermijden. **P280** Beschermende handschoenen/beschermende kleding/oogbescherming/gelaatsbescherming dragen. **P308+P313** NA (mogelijke) blootstelling: een arts raadplegen. • Uitsluitend voor gebruik door professionele gebruiker.

[PT] **PERIGO** • O produto contém: chumbo • **H360FD-H362** Pode afectar a fertilidade. Pode afectar o nascituro. Pode ser nocivo para as crianças alimentadas com leite materno. **H372** Afecta o sistema nervoso central, os rins e o sangue após exposição prolongada ou repetida. **P260** Não respirar as poeiras ou névoas. **P201** Pedir instruções específicas antes da utilização. **P263** Evitar o contacto durante a gravidez/o aleitamento. **P280** Usar luvas de protecção/vestuário de protecção/protecção ocular/protecção facial. **P308+P313** EM CASO DE exposição ou suspeita de exposição: consulte um médico. • Reservado aos utilizadores profissionais.

[PL] **NIEBEZPIECZENSTWO** • Produkt zawiera: ołów w postaci litych [cząstki wielkości ≥ 1 mm] • **H360FD-H362** Może działać szkodliwie na płodność. Może działać szkodliwie na dziecko w tonie matki. Może działać szkodliwie na dzieci karmione piersią. **H372** Powoduje uszkodzenie ośrodkowego układu nerwowego i nerek i krwi poprzez długotrwałe lub powtarzane narażenie. **P260** Nie wdychać pyłu lub mgły. **P201** Przed użyciem zapoznać się ze specjalnymi środkami ostrożności. **P263** Unikać kontaktu w czasie ciąży/karmienia piersią. **P280** Stosować rękawice ochronne/odzież ochronną/ochronę oczu/ochronę twarzy. **P308+P313** W przypadku narażenia lub styczności: Zasięgnąć porady/zgłosić się pod opiekę lekarza. • Produkt przeznaczony wyłącznie do użytku zawodowego.

[CN] 危险物质: 铅 • H360–H362 可能对生育能力或胎儿造成伤害 可能对母乳喂养的儿童造成伤害 **H372** 长期或反复接触会对造成伤害 中枢神经系统、肾脏和血液 **P201** 使用前取得专用说明 **P260** 不要吸入粉尘/气体 **P263** 怀孕/哺乳期间避免接触 **P280** 戴防护手套/穿防护服/戴防护眼罩/戴防护面具 **P308+P313** 如接触到或有疑虑:求医/就诊 • 仅用于商业用途

[ID] **BAHAYA** • **Mengandung: timah hitam** • **H360FD-H362** Dapat membahayakan kesuburan. Dapat membahayakan janin dalam kandungan. Dapat membahayakan bayi yang menyusui. **H372** Menyebabkan kerusakan pada sistem saraf pusat, ginjal dan darah melalui paparan jangka panjang atau berulang. **P201** Baca instruksi khusus sebelum digunakan. **P260** Jangan menghirup debu atau kabut. **P263** Hindari kontak selama hamil/menyusui. **P280** Kenakan sarung tangan/pakaian pelindung dan pelindung mata/wajah. **P308+P313** Bila terpapar atau diduga terpapar: dapatkan nasihat medis. • Terbatas untuk pengguna profesional.

[RO] **PERICOL** • Produsul conține: plumb în stare masivă [diametrul particulelor ≥ 1 mm] • **H360FD-H362** Poate dauna fertilității. Poate dauna fătului. Poate dauna copiilor alăptați la sân. **H372** În caz de expunere îndelungată sau repetată afectează sistemul nervos central și rinichii și sângele. **P201** Procurati instrucțiuni speciale înainte de utilizare. **P260** Nu inspirați praful sau ceața. **P263** Evitați contactul în timpul sarcinii/ălptării. **P280** Purtați mănuși de protecție/mbrăcăminte de protecție/echipament de protecție a ochilor/ echipament de protecție a feței. **P308+P313** ÎN CAZ DE expunere sau de posibilă expunere: consultați medicul. • Utilizare limitată numai în scopuri profesionale.



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

1.1 Product identifier

Trade name: **Lötdraht Kristall 400 Sn62Pb36Ag2**

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

Drinking water installations, use in food technology. Use in medical technology. Temperatures > 500 °C

Technical function soldering

Application of the substance / the mixture Brazing alloy

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Stannol GmbH
Haberstr. 24
D-42551 Velbert
Deutschland
+49/2051-3120-332
sdb@stannol.de

Further information obtainable from: Product Safety Department

1.4 Emergency telephone number: 8:00 am - 5:00 pm (CET) +49 (0) 2051 3120 332

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Repr. 1A H360FD-H362 May damage fertility. May damage the unborn child. May cause harm to breast-fed children.

STOT RE 1 H372 Causes damage to the central nervous system, the kidneys and the blood through prolonged or repeated exposure.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS08

Signal word Danger

Hazard-determining components of labelling:

lead

Hazard statements

H360FD-H362 May damage fertility. May damage the unborn child. May cause harm to breast-fed children.

H372 Causes damage to the central nervous system, the kidneys and the blood through prolonged or repeated exposure.

Precautionary statements

P201 Obtain special instructions before use.

P260 Do not breathe dusts or mists.

P263 Avoid contact during pregnancy/while nursing.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

Additional information:

Restricted to professional users.

2.3 Other hazards

Inhalation of vapors that are released during the soldering process should be avoided. Flux fumes will irritate nose, throat and lungs and may cause allergic reaction (asthma) after prolonged or repeated exposure. Therefore, we recommend the usage of fume extractions with appropriate filters.

Always wash your hands carefully with soap and water after handling the product before eating, drinking and smoking.

Do not heat the soldering materials above 500 °C.

Keep out of reach of children.

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- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

- **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 7439-92-1	lead	Repr. 1A, H360FD-H362; STOT RE 1, H372	25-55%
EINECS: 231-100-4			
CAS: 7440-22-4	silver	substance with a Community workplace exposure limit	≤2.5%
EINECS: 231-131-3			
CAS: 7440-31-5	tin		50-90%
EINECS: 231-141-8			

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

· 5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

· 5.3 Advice for firefighters

- **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

Wear protective clothing.

- **6.2 Environmental precautions:** No special measures required.

· 6.3 Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.



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SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

· **Information about fire - and explosion protection:** Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** None.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· **Additional information about design of technical facilities:** No further data; see item 7.

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

CAS: 7439-92-1 lead

BOELV (EU) Long-term value: 0.15 mg/m³
as Pb

CAS: 7440-22-4 silver

WEL (Great Britain) Long-term value: 0.1 mg/m³

IOELV (EU) Long-term value: 0.1 mg/m³

· **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

· **Respiratory protection:**

Not necessary if room is well-ventilated.

Use suitable respiratory protective device in case of insufficient ventilation.

· **Protection of hands:**

Rubber gloves

Synthetic rubber gloves

To avoid skin problems reduce the wearing of gloves to the required minimum.

· **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form: Rope

Colour: Grey

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- **Odour:** Odourless
- **Odour threshold:** Not determined.
- **pH-value:** Not applicable.
- **Change in condition**
 - **Melting point/freezing point:** Undetermined.
 - **Initial boiling point and boiling range:** Undetermined.
- **Flash point:** Not applicable.
- **Flammability (solid, gas):** Not determined.
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Explosion limits:**
 - **Lower:** Not determined.
 - **Upper:** Not determined.
- **Vapour pressure:** Not applicable.
- **Density:** Not determined.
- **Relative density** Not determined.
- **Vapour density** Not applicable.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with water:** Insoluble.
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
 - **Dynamic:** Not applicable.
 - **Kinematic:** Not applicable.
- **Solvent content:**
 - **Solids content:** 100.0 %
- **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity**
May damage fertility. May damage the unborn child. May cause harm to breast-fed children.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure**
Causes damage to the central nervous system, the kidneys and the blood through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, ADN, IMDG, IATA** not regulated
- **14.2 UN proper shipping name**
- **ADR, ADN, IMDG, IATA** not regulated
- **14.3 Transport hazard class(es)**
- **ADR, ADN, IMDG, IATA**
- **Class** not regulated
- **14.4 Packing group**
- **ADR, IMDG, IATA** not regulated
- **14.5 Environmental hazards:** Not applicable.
- **14.6 Special precautions for user** Not applicable.
- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.
- **UN "Model Regulation":** not regulated

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SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 30, 63
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
 - H360FD May damage fertility. May damage the unborn child.
 - H362 May cause harm to breast-fed children.
 - H372 Causes damage to the central nervous system, the kidneys and the blood through prolonged or repeated exposure.
- **Department issuing SDS:** Product Safety Department
- **Contact:** Hr. Dörr
- **Abbreviations and acronyms:**
 - ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 - IMDG: International Maritime Code for Dangerous Goods
 - IATA: International Air Transport Association
 - GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - VOC: Volatile Organic Compounds (USA, EU)
 - PBT: Persistent, Bioaccumulative and Toxic
 - vPvB: very Persistent and very Bioaccumulative
 - Repr. 1A: Reproductive toxicity – Category 1A
 - STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

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