

Ref.: Atendimento à Diretiva RoHS

A Akzo Nobel, por se tratar de uma empresa comprometida com o **Meio Ambiente, Saúde Ocupacional e Segurança Industrial**, tem como uma de suas diretrizes eliminar o uso de substâncias potencialmente perigosas em seus produtos assumindo que as práticas de HSE são, realmente, fator integrante à prática de seus negócios.

Da mesma forma, reduzindo-se o impacto ao meio ambiente dos vários processos e produtos existentes na empresa, através da adoção de projetos, manufatura, distribuição e práticas de uso e disposição apropriados, beneficiando não apenas a sociedade como um todo, mas também a saúde econômica da empresa.

Diante desta prerrogativa a Akzo Nobel a nível Mundial eliminou a utilização de matérias primas que possuíam em sua estrutura química os compostos à base de Chumbo; Mercúrio, Cromo Hexavalente e Cádmio, a partir de 01/Jan/2005, estando, portanto em conformidade com normas internacionais como WEEE (European Directive 2002/96/EC) e RoHS Directive (2002/95/EC).

Dessa maneira, os produtos contendo metais pesados foram substituídos por produtos de igual qualidade e em plena concordância com padrões internacionais.

Obs.: O chumbo pode estar presente em outras matérias primas como impureza. Os materiais usados nas tintas em pó da linha Interpon e Resicoat somente contêm chumbo se estiverem abaixo do limite tolerado (normalmente definido como 0,1% em peso), e dentro deste nível, estes materiais não são considerados perigosos.

Atenciosamente,

Gustavo Carvalho
Gerente Geral – América do Sul
Divisão Tintas em Pó



Table 1 Candidate list of Substances of Very High Concern for Authorization Updated as of 20 June 2011

Do the parts or materials within your supply chain contain any of the following?				
Substance name	CAS Number	EC Number	YES	NO
2-Ethoxyethyl acetate	111-15-9	203-839-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Strontium chromate	2151068	232-142-6	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hydrazine	302-01-2 / 7803-57-8	206-114-9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1-Methyl-2-pyrrolidone	872-50-4	212-020-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1,2,3-Trichloropropane	96-18-4	202-486-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters C7-rich	71888-89-6	276-158-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt dichloride	7646-79-9	231-589-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt(II) sulphate	10124-43-3	233-334-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt(II) dinitrate	10141-05-6	233-402-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt(II) carbonate	513-79-1	208-169-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Cobalt(II) diacetate	71-48-7	200-755-8	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2-Methoxyethanol	109-86-4	203-713-7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2-Ethoxyethanol	110-80-5	203-804-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chromium trioxide	1333-82-0	215-607-8	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Chromic acid, Oligomers of chromic acid and dichromic acid, Dichromic acid	7738-94-5 - 13530-68-2	231-801-5 -236-881-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trichloroethylene	79-01-6	201-167-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Boric acid	10043-35-3 / 11113-50-1	233-139-2 / 234-343-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Disodium tetraborate, anhydrous	1303-96-4/ 1330-43-4/ 12179-04-3	215-540-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Potassium dichromate	7778-50-9	231-906-6	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Ammonium dichromate	05/09/7789	232-143-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Potassium chromate	7789-00-6	232-140-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sodium chromate	03/11/7775	231-889-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Acrylamide	79-06-1	201-173-7	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Do the parts or materials within your supply chain contain any of the following?				
Substance name	CAS Number	EC Number	YES	NO
2,4 -Dinitrotoluene	121-14-2	204-450-0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminosilicate Refractory Ceramic Fibres	-	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anthracene oil	90640-80-5	292-602-7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anthracene oil, anthracene-low	90640-82-7	292-604-8	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anthracene oil, anthracene paste	90640-81-6	292-603-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diisobutyl phthalate	84-69-5	201-553-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lead chromate	7758-97-6	231-846-0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pitch, coal tar, high temp.	65996-93-2	266-028-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	-	<input type="checkbox"/>	<input checked="" type="checkbox"/>
44'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5-tert-butyl-246-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Alkanes C10-13 chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Anthracene	120-12-7	204-371-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diarsenic pentaoxide	1303-28-2	215-116-9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diarsenic trioxide	1327-53-3	215-481-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Dibutyl phthalate (DBP)	84-74-2	201-557-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	247-148-4 and 221-695-9	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Do the parts or materials within your supply chain contain any of the following?				
Substance name	CAS Number	EC Number	YES	NO
Lead hydrogen arsenate	7784-40-9	232-064-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sodium dichromate	7789-12-0/ 10588-01-9	234-190-3	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Triethyl arsenate	15606-95-8	427-700-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2-Ethoxyethyl acetate	111-15-9	203-839-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Table 2 Proposed Substances for Inclusion in SVHC Candidate List for Authorization in December 2011

Do the parts or materials within your supply chain contain any of the following?				
Substance name	CAS Number	EC Number	YES	NO
Dichromium tris(chromate)	24613-89-6	246-356-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	234-329-8	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pentazinc chromate octahydroxide	49663-84-5	256-418-0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminosilicate Refractory Ceramic Fibres (RCF)	—	650-017-00-8**	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	—	650-017-00-8**	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
1,2-Dichloroethane	107-06-2	203-458-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Bis(2-methoxyethyl) ether	111-96-6	203-924-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Arsenic acid	7778-39-4	231-901-9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Calcium arsenate	7778-44-1	231-904-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Trilead diarsenate	3687-31-8	222-979-5	<input type="checkbox"/>	<input checked="" type="checkbox"/>
N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Phenolphthalein	77-09-8	201-004-7	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lead azide Lead diazide	13424-46-9	236-542-1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lead styphnate	15245-44-0	239-290-0	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lead dipicrate	6477-64-1	229-335-2	<input type="checkbox"/>	<input checked="" type="checkbox"/>

AKZO NOBEL
Hector Loyola
Gerente de P & D



AkzoNobel

Tomorrow's Answers Today

São Roque, 18 de fevereiro de 2013.

A AkzoNobel, por se tratar de uma empresa comprometida com o Meio Ambiente, Saúde Ocupacional e Segurança Industrial, tem como uma de suas diretrizes eliminar o uso de substâncias potencialmente perigosas de seus produtos.

Deste modo nos processos industriais e nos produtos da empresa. Os impactos ao meio ambiente são reduzidos, beneficiando a sociedade e os clientes da companhia.

Diante desta prerrogativa informamos que nossos produtos não possuem Conflict Minerals (Minerais de Conflito), em suas composições químicas.

Hector Loyola
Gerente de Pesquisa e Desenvolvimento.



THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

IQNET and FCAV

hereby certify that the organization

AKZO NOBEL LTDA

Rua dos Ciprestes, 130 - São Roque - SP - Brasil

for the following field of activities

Project, development, manufacturing and commercialization of powder coatings.

has implemented and maintains an

Environmental Management System

which fulfills the requirements of the following standard:

ISO 14001: 2004

Issued on:

2013-02-15

Validity date:

2016-02-14

Registration Number:

BR-SGA-0914



Michael Drechsel
President of IQNet

José Joaquim do Amaral Ferreira
Certification Director - FCAV



Funda  o Vanzolini

SGA-M00316

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