

World Surface Coatings Abstracts™

FILE DESCRIPTION

World Surface Coatings Abstracts™, produced at the PRA Coatings Technology Centre, Hampton, United Kingdom, provides comprehensive coverage of paints, coatings, pigments, inks, and adhesives. All aspects of the coatings industry are covered, from company profiles and statistics to physical properties to the latest research. The database corresponds to the printed publication: *World Surface Coatings Abstracts*. Each year approximately 8,000 new records are added to the file with intensive coverage of patents, conference proceedings, books, legislation, reports, journal articles, and standards in the fields of paint and surface coating technology and related subjects.

SUBJECT COVERAGE

World Surface Coatings Abstracts topics covered include:

- Pigments
- Solvents
- Additives
- Polymers and resins
- Natural and synthetic rubber
- Paints, varnishes and lacquers
- Adhesives
- Inks
- Manufacturing plants
- Pretreatment, application and paint removal
- Paints for specific uses
- Radiation curing
- Optical, rheological, and other properties
- Color
- Analysis
- Hazards, pollution, and legislation
- Transport
- Corrosion and fouling
- Statistics and company profiles

SOURCES

Publications from around the world are indexed, including patents, conference proceedings, books, legislation, reports, journal articles, and standards.

TIPS

USE FILE 31

to search for all information relating to coatings, adhesives, inks, and paints. (Consider British spelling)

USE MAP

to take patent numbers to another file.

MAP PN TEMP

USE SUBJECT HEADINGS

to narrow a search to a topic.

S SH=RADIATION CURING

Use data in the cross-reference field (XR=) to identify other Subject Heading Codes (SC=) that may be of interest.

USE RANK

to find experts working in an area of interest.

S ANTIFOULING PAINT?

RANK AU

USE LIMITS

to focus results:

/ENG (English-language documents)

/PAT (Patent documents only)

DIALOG FILE DATA

Inclusive Dates: 1976 to the present

Update Frequency:

Monthly (Approximately 650 records per update)

File Size:

Approximately 300,000 records as of November 2007

CONTACT

World Surface Coatings Abstracts is produced at the PRA Coatings Technology Centre. Questions concerning file content should be directed to:

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SAMPLE RECORD

DIALOG(R)File 31: WORLD SURFACE COATINGS ABS
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AZ=, AA= 00492363 WSCA ABSTRACT NUMBER: 96-00425 WSCA ID
NUMBER: 420425

/TI Evaluation of release rates and control of biofouling
using monolithic coatings containing an isothiazolone.

AU= VASISHTHA N; SUNDBERG D C; RITTSCHOF D

JN=, SO= Biofouling 1995, Vol 9 No 1, 1-16.

PY= 1995

DT=, LA= DOCUMENT TYPE: Journal LANGUAGE: English

SC=, SH= SECTION (CODE,HEADING): 55 Fouling and
Microbiological Attack

/AB ABSTRACT: Non-ablative coatings based on a vinyl
chloride/vinyl acetate copolymer were used. The
governing release mechanism was found to be Fickian
diffusion. The extent of fouling was evaluated for a
number of marine fouling species found at Taylor's
Creek, Beaufort, North Carolina, and Pearl Harbour, Oahu
Hawaii. The antifoulant was a chlorinated isothiazolone
with a hydrocarbon chain attached to the ring nitrogen.

/DE DESCRIPTORS: Antifouling Paints; Isothiazolones;
Vinyl Chloride/Vinyl Acetate Copolymers

/CO, CO= COMPANY NAME: ROHM & HAAS

/TN, TN= BRAND/PRODUCT NAMES: SEA-NINE 211

/GN, GN= GEOGRAPHIC NAMES: BEAUFORT; HAWAII; NORTH CAROLINA;
OAHU; PEARL HARBOUR; TAYLOR'S CREEK; U.S.A; USA

/NA, /SY, CHEMICAL NAMES: CHLORO; ISOTHIAZOLONE; VINYL ACETATE;
NA=, SY= VINYL CHLORIDE

/ID IDENTIFIERS: Antifouling Paints-- isothiazolones,
release rates/efficacy;Isothiazolones-- chlorinated,
antifouling, release rates/efficacy;Vinyl
Chloride/Vinyl Acetate Copolymers -- antifouling,
isothiazolones &

/ID ADDITIONAL TERMS (IDENTIFIERS): proprietary antifoulant;
barnacle; mollusc; Hydroides; Tubularia; amphipod;
polychaete worm; diatom

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S MARINE(W)FOULING
/AB	AB	Abstract	Word	S MARINE(W)FOULING/AB
/CO	CO	Company Name ¹	Word	S ROHM(1W)HAAS/CO
/DE	DE	Descriptor ²	Word & Phrase	S ANTIFOULING(W)PAINTS/DE S VINYL CHLORIDE?/DE
/GN	GN	Geographic Name ¹	Word	S TAYLOR(1W)CREEK/GN
/ID	ID	Identifier ³	Word & Phrase	S ANTIFOULING(S)ISOTHIAZOLONES/ID S VINYL CHLORIDE?(S)ANTIFOULING?/ID
/NA	NA	Chemical Name ^{1,4,5}	Segment & Word & Phrase	S ISO(W)THIAZOL(W)ONE/NA S VINYL(W)ACETATE/NA S VINYL CHLORIDE/NA
/SY	SY	Synonym ^{1,4,5}	Segment & Word & Phrase	S ISO(W)THIAZOL(W)ONE/SY S VINYL(W)ACETATE/SY S VINYL CHLORIDE /SY
/TI	TI	Title	Word	S CONTROL(1W)BIOFOULING/TI
/TN	TN	Brand/Product Name ¹	Word	S SEA(W)NINE(W)211/TN

¹ Searchable in the Basic Index and in the Additional Indexes.

² Also /DF.

³ Also /IF.

⁴ /NA and /SY are identical; NA= and SY= are identical.

⁵ All chemical names are indexed as complete phrases, individual words, and chemically significant segments of words. Use /FW to restrict retrieval to the complete term, e.g., S ETHANE/FW to only select ethane as a single word rather than as a segment of a larger chemical term, such as trichloroethane.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	WSCA ID Number	Phrase	S AA=420425
—	AN	DIALOG Accession Number		
AU=	AU	Author	Phrase	S AU=SUNDBERG D C
AZ=	AZ	WSCA Abstract Number	Phrase	S AZ=96-00425
CO=	CO	Company Name ¹	Phrase	S CO=ROHM & HAAS
CS=	CS	Corporate Source ⁷	Word & Phrase	S CS=(PAINT(1W)COATINGS(W)ASSOC?) S CS=NATIONAL PAINT "AND" COATINGS?
DT=	DT	Document Type	Phrase	S DT=PATENT S DT=P
GN=	GN	Geographic Name ¹	Phrase	S GN=PEARL HARBOUR
JA=	JA	Journal Announcement	Phrase	S JA=199601
JN=	JN	Journal Name	Phrase	S JN=BIOFOULING
LA=	LA	Language	Phrase	S LA=ENGLISH
NA=	NA	Chemical Name ^{1,4,5}	Phrase	S NA=VINYL CHLORIDE
PA=	PA	Patent Assignee ⁶	Word & Phrase	S PA=(ARAKAWA(W)KAGAKU) S PA=ARAKAWA KAGAKU KOGYO?
PC=	PC	Patent Country ⁸	Phrase	S PC=JP S PC=JP A
PD=	PD	Patent Date	Phrase	S PD=950000 S PD=19950000
PN=	PN	Patent Number	Phrase	S PN=JP 6100815
PY=	PY	Publication Year ⁹	Phrase	S PY=1995
SC=	SC	Section Heading Code	Phrase	S SC=55
SH=	SH	Section Heading Description	Word & Phrase	S SH=(FOULING(1W)MICROBIOLOGICAL) S SH=FOULING "AND" MICROBIOLOGICAL?
SO=	SO	Source Information ¹⁰	Word	S SO=(BIOFOULING AND VOL(W)9)
SY=	SY	Synonym ^{1,4,5}	Phrase	S SY=VINYL ACETATE
TN=	TN	Brand/Product Name ¹	Phrase	S TN=SEA-NINE 211
UD=	—	Update	Phrase	S UD=9999
UP=	UP	WSCA Update Code	Phrase	S UP=199601
XR=	XR	Cross-Reference Subject Heading Code	Phrase	S XR=15

⁶ Also searchable as CS=

⁷ CS= and PA= are identical.

⁸ Patent kind codes indicating the level of publication are usually available for Japanese and British patent publications.

⁹ Not included on approximately 25% of the Patent records.

¹⁰ Source information varies with document type. Conference title, conference location, book editor, standard and report numbers, book publisher, and source of patent information are searchable with SO=, along with journal name, volume, issue and page and other source information as available.

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP MAP, HELP DUP, HELP CURRENT online.

LIMIT	/ -- DIALOG Accession Number /ENG -- English-Language Publications /NONENG -- Non-English Language Publications /NPT -- Non-Patent Records /PAT -- Patent Records /YYYY -- Publication Year	S S6/0010000-99999999 S S4/ENG S S3/NONENG S S1/NPT S S5/PAT S S2/1993:9999
SORT	AU, CS, JN, PA, PD, PN, PY, TI	SORT S1/ALL/AU SORT S3/ALL/PY/D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE, ID	RANK NA RANK AU S4
MAP	CO, PA, PN, SY, TN	MAP PN TEMP S4
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 31 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields
5	--	Full Record
6	Free	Title and Publication Year
7	Long	Bibliographic Citation and Abstract
8	Short	Title, Indexing, and Publication Year
9	Full	Full Record
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/TI,AU,JN/1-5 PRINT S2/TI,AB/ALL
TAG	Output can be displayed with tags identifying each display field.	TYPE S3/5/1-10 TAG PRINT S1/9/ALL TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 00100005/5 DISPLAY 00194483/TI,AU,JN PRINT 00172364/9

FOR ONLINE HELP:

See HELP FIELDS 31 for searchable fields; HELP FORMAT 31 for output formats; HELP LIMIT 31 for limits; HELP RATES 31 for cost information; HELP SORT 31 for sorts.