

CLASSIFICATION: 067200

created via: HPDC Online Builder

PRODUCT DESCRIPTION: SOLFRE 2466 IS PART OF THE SOLFRE 2 RANGE OF POLYURETHANE ADHESIVES MEETING THE EXACTING INDUSTRIAL STANDARDS IN A NEW CLIMATE OF ENVIRONMENTAL AWARENESS. THE ADHESIVE HAS EXCEPTIONAL ADHESION TO METALLIC SUBSTRATES WHILST MAINTAINING THE UNIQUE PROPERTIES ASSOCIATED WITH THE SOLFRE 2 RANGE. THIS PRODUCT WAS DEVELOPED FOR SPRAY APPLICATION UTILIZING CHEMIQUE'S KNOWLEDGE AND THE APPLICATION EQUIPMENT TO OBTAIN OPTIMUM PERFORMANCE

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in 0 of 2 materials	Based on the selected Content Inventory Threshold:	
<input type="radio"/> 100 ppm	<input checked="" type="radio"/> see Section 2: Material Notes	Characterized.....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 5: General Notes	Are the Percent Weight and Role provided for all substances?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> Per GHS SDS		Screened.....	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input checked="" type="radio"/> Per OSHA MSDS		Are all substances screened using Priority Hazard Lists with results disclosed?	<input type="radio"/> Yes <input checked="" type="radio"/> No
<input type="radio"/> Other		Identified.....	<input checked="" type="radio"/> Yes <input type="radio"/> No
		Are all substances disclosed by Name (Specific or Generic) and Identifier?	<input type="radio"/> Yes <input checked="" type="radio"/> No

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

SOLFRE - 2466 PART A [BRANCHED POLYALCOHOL WITH ESTER AND ETHER GROUPS PREPARATION UNK POLYETHER POLYOL UNK N-METHYL-2-PYRROLIDONE UNK N-ETHYL PYRROLIDONE UNK DIISOCTYL 2,2'-(DIOCTYLSTANNYLENE)BIS(THIO)DIACETATE UNK DIETHYLTOLUENEDIAMINE LT-P1 | MAM | EYE | AQU | MUL ISOCTYL MERCAPTOACETATE UNK]
SOLFRE - 2466 PART B [DIPHENYLMETHANE-DIISOCYANATE, ISOMERS & HOMOLOGUES UNK POLYETHER POLYOL UNK]

Number of Greenscreen BM-4/BM3 contents.....
0
Contents highest concern GreenScreen Benchmark or List translator Score.....
LT-P1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): Regulatory (g/l):
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: No

CERTIFICATIONS AND COMPLIANCE

VOC emissions: MAS Low -Emitting Materials Certified Green - TVOC at 14 Days

See Section 3 for additional listings.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: April 28, 2017	EXPIRY DATE*: April 28, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: May 11, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

SOLFRE - 2466 PART A

%: 50.0000 - 50.0000 HPD URL:

Inventory Threshold: Per OSHA MSDS Residuals Considered: No

Material Notes:

BRANCHED POLYALCOHOL WITH ESTER AND ETHER GROUPS PREPARATION

ID:

%: 45.2500 - 45.2500

GS: UNK

RC: UNK

NANO: NO

ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHER POLYOL

ID:

%: 45.2500 - 45.2500

GS: UNK

RC: UNK

NANO: NO

ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

N-METHYL-2-PYRROLIDONE

ID: 872-50-4

%: 4.9000 - 4.9000

GS: UNK

RC: UNK

NANO: NO

ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

N-ETHYL PYRROLIDONE

ID: 2687-91-4

%: 1.6000 - 1.6000

GS: UNK

RC: UNK

NANO: NO

ROLE:

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DIISOCTYL 2,2'-[DIOCTYLSTANNYLENE]BIS(THIO)DIACETATE

ID: 26401-97-8

%: 0.3100 - 0.3100

GS: UNK

RC: UNK

NANO: NO

ROLE:

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

DIETHYLTOLUENEDIAMINE

ID: 68479-98-1

%: 0.2600 - 0.2600

GS: LT-P1

RC: UNK

NANO: NO

ROLE:

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN

EU - R-phrases

R21 - Harmful in Contact with Skin

MAMMALIAN

EU - R-phrases

R22 - Harmful if Swallowed

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

ORGAN TOXICANT

EU - R-phrases

R48: Danger of serious damage to health by prolonged exposure.

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

ACUTE AQUATIC

EU - GHS (H-Statements)

H400 - Very toxic to aquatic life

CHRON AQUATIC

EU - GHS (H-Statements)

H410 - Very toxic to aquatic life with long lasting effects

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

ISOCTYL MERCAPTOACETATE

ID: 25103-09-7

%: 0.0800 - 0.0800

GS: UNK

RC: UNK

NANO: NO

ROLE:

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

SOLFRE - 2466 PART B

%: 50.0000 - 50.0000 HPD URL:

Inventory Threshold: Per OSHA MSDS Residuals Considered: No

Material Notes:

DIPHENYLMETHANE-DIISOCYANATE, ISOMERS & HOMOLOGUES

ID: 9016-87-9

%: 69.7000 - 69.7000

GS: UNK

RC: None

NANO: NO

ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

POLYETHER POLYOL

ID:

%: 30.3000 - 30.3000

GS: UNK

RC: None

NANO: NO

ROLE:

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:



Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES:

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: Compliance - LEED v4 ID+C, BD+C low-emitting adhesive / Designation - TVOC Emissions at 14-days less than 0.5mg/m / Certificate - MAS 1700355

MAS Low -Emitting Materials Certified Green - TVOC at 14 Days

ISSUE DATE:
2017-04-01

EXPIRY DATE:
2018-04-01

CERTIFIER OR LAB:
MAS Certified Green



Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.





MANUFACTURER INFORMATION

MANUFACTURER: Chemique Adhesives Inc.

CONTACT NAME: Chemique

ADDRESS: 3050 Matlock Drive
Kennesaw, Georgia 30024
United States

TITLE: Chemique Technical

PHONE: +1 990 451 2904

WEBSITE: www.chemiqueadhesives.com

EMAIL: sales@chemiqueadhesives.com

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) **BM-2** Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator, and when available, full GreenScreen assessments. The HPD Open Standard does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD Open Standard noted.