

Safety Data Sheet

Material Name: Splice Wash SW-100

MSDS Established date: 11-24-2010

*** Section 1 - IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING ***

1.1 Product Identifier: Splice Wash SW-100

Synonyms: None

CAS No. : 64742-89-8

EC index No. : 649-267-00-0 NFPA code : 2-3-0

EINECS No. : 265-192-2 Molecular weight : N.A.

RTECS No. : N.A. Formula : N.A.

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

1.2.1 Relevant identified uses

Adhesive

1.2.2 Uses advised against

1.3 Details of the supplier of the safety data sheet:

Firestone Building Products

Ikaroslaan 75

B-1930 Zaventem

Tel. : +32 2 711 44 50

Fax : +32 2 721 27 18

Email: info@fbpe.be

1.4 Emergency Telephone Number:

+32 70 245 245

Poison Centre

p/a Militair Hospitaal Koningin Astrid, Bruynstraat 1, B-1120 Brussel

*** Section 2 – Hazardous Identification ***

2.1 Classification of the substance or mixture

Classification according to directives 67/548/EEC and 1999/45/EC

2.2 Label elements

Symbol(s)



Highly Flammable



Harmful



Dangerous for the environment

Signal Word Flammable

Hazard Statement(s)

R11 : Highly Flammable

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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Precautionary Statement(s)

R65 : Harmful: may cause lung damage if swallowed

R66 : Repeated exposure may cause skin dryness or cracking

R67 : Vapours may cause drowsiness and dizziness

2.3 Other Hazards

*** Section 3 - Composition/Information on Ingredients ***

CAS	EC-No	Component	Classification According to Regulation (EC) No		Registration No. (REACH)	Percent
			67/548/EEC (DSD)	1272/2008 (CLP)		
64742-89-8	265-192-2	Low boiling point naphtha (conc benzene < 0.1 %)	-	-	N.A.	100

(1) For R-phrases in full : see heading 16

*** Section 4 - First Aid Measures ***

4.1 Description of first aid measures

Inhalation:

- Consult a doctor/medical service if breathing problems develop
- Remove the victim into fresh air
- Unconscious: maintain adequate airway and respiration

Skin

- Consult a doctor/medical service if irritation persists
- Wash immediately with lots of water

Eyes

- Consult a doctor/medical service if irritation persists
- Rinse immediately with water

Ingestion

- Consult a doctor/medical service if you feel unwell
- Never give water to an unconscious person
- Do not induce vomiting

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

*** Section 5 - Fire-Fighting Measures ***

See Section 9 for Flammability Properties

5.1 Extinguishing Media

Suitable extinguishing media:

- Water spray
- Alcohol-resistant Foam

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- BC powder
- Carbon dioxide

Unsuitable extinguishing media:

- Solid water jet ineffective as extinguishing medium

5.2 Special hazards arising from the substances or mixture

- Gas/Vapour spreads at floor level: ignition hazard
- May build up electrostatic charges: risk of ignition
- Upon combustion CO and CO₂ are formed

5.3 Advice for Firefighters

- Cool tanks/drums with water spray/remove them into safety
- Take account of environmentally hazardous firefighting water
- Use firefighting water moderately and contain it
- Large spills/in enclosed spaces: compressed air apparatus

* * * Section 6 - Accidental Release Measures * * *
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6.1 Personal Precautions, protective equipment and emergency procedures

Respiratory protection:

- High vapour concentration: gas mask with filter A

Hand protection:

- Gloves

Suitable materials: PVA, Rubber

- Breakthrough time: N.D.

Eye protection:

- Protective goggles

Skin protection:

- Head/neck protection
- Protective clothing

Suitable materials: PVA, Rubber

6.2 Environmental Precautions

- Prevent soil and water pollution
- Prevent spreading in sewers
- Contain released substance, pump over in suitable containers
- Plug the leak, cut off the supply
- Dam up the liquid spill
- Try to reduce evaporation

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6.3 Methods and material for containment and cleaning up

- Take up liquid spill into inert absorbent material, e.g.: sand/earth
- Scoop absorbed substance into closing containers
- Carefully collect the spill/leftovers
- Damaged/cooled tanks must be emptied
- Do not use compressed air for pumping over spills
- Clean contaminated surfaces with an excess of water
- Take collected spill to manufacturer/competent authority

6.4 Reference to other sections

*** Section 7 - Handling and Storage ***

7.1 Precautions for safe handling

- Observe strict hygiene
- Use spark-/explosion proof appliances and lighting system
- Handle uncleaned empty containers as full ones
- Do not discharge the waste into the drain
- Clean contaminated clothing

7.2 Conditions for safe storage, including an incompatibilities

- Keep container tightly closed
 - Limited time of storage
 - Store at room temperature
 - Keep out of direct sunlight
 - Keep away from: heat sources, ignition sources, oxidizing agents, acids, bases
- Storage temperature : 15/25 °C
Quantity limits : N.D. kg
Storage life : 365 days
Materials for packaging
-Suitable : no data available
-To avoid : no data available

7.3 Specific end use(s)

- See information supplied by the manufacturer

*** Section 8 - Exposure Controls/Personal Protection ***

8.1 Control parameters

Exposure limits have not been developed for one or more of this product's components.

TLV-TWA	Not listed	mg/m3	Not listed	ppm
TLV-STEL	Not listed	mg/m3	Not listed	ppm
TLV-Ceiling	Not listed	mg/m3	Not listed	ppm
WEL-LTEL	Not listed	mg/m3	Not listed	ppm
WEL-STEL	Not listed	mg/m3	Not listed	ppm

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MAK	Not listed	mg/m3	Not listed	ppm
TRGS900	Not listed	mg/m3	Not listed	ppm
MAC-TGG 8 h	Not listed	mg/m3	Not listed	ppm
MAC-TGG 15 min.	Not listed	mg/m3	Not listed	ppm
MAC-Ceiling	Not listed	mg/m3	Not listed	ppm
VME-8 h	Not listed	mg/m3	Not listed	ppm
VLE-15 min	Not listed	mg/m3	Not listed	ppm
GWBB-8 h	Not listed	mg/m3	Not listed	ppm
GWK – 15 min	Not listed	mg/m3	Not listed	ppm
Momentary value	Not listed	mg/m3	Not listed	ppm
EC	Not listed	mg/m3	Not listed	ppm
EC-STEL	Not listed	mg/m3	Not listed	ppm

8.2 Exposure controls

Ventilation/Engineering Controls

- Measure the concentration in the air regularly
- Work under local exhaust/ventilation

PERSONAL PROTECTIVE EQUIPMENT:

Eyes/Face Protection

- Protective goggles

Hand Protection

- Gloves
- Suitable materials: PVA, Rubber
- Breakthrough time: N.D.

Skin Protection

- Protective clothing
- Head/neck protection
- Suitable materials: PVA, Rubber

Respiratory Protection

- High vapour concentration: gas mask with filter A

Thermal Hazards

8.3 Environmental exposure controls

* * * Section 9 - Physical and Chemical Properties * * *

9.1 Information on basic physical and chemical properties

<p>Appearance: Liquid, Pale Color</p> <p>Odour: Petroleum-like</p> <p>pH: N.D.</p> <p>Decomposition Temperature: Not available</p> <p>Initial Boiling Point: 120/139 °C</p>	<p>Physical Form: Not available</p> <p>Odour Threshold: Not available</p> <p>Melting/Freezing Point: N.D.</p> <p>Relative Density: 0.72/0.79</p> <p>Viscosity: N.D.</p>
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Evaporation Rate:	To butyl acetate 1.2	Vapour Pressure:	34 hPa (at 20 °C)
Vapour Density (air = 1):	3.8	Density:	Not available
Oxidizing Properties:	Not available	Bulk Density:	Not available
Water Solubility:	Insoluble	Coeff. Water/Oil Dist:	Not available
Partition Coefficient:	N.D.	Flash Point:	13 °C
Oxidising Properties:	Not available	Upper Explosive Limit:	1.0 vol %
Explosive Properties:	Not available	Lower Explosive Limit:	7.0 vol %
Autoignition Temperature:	N.D.		

9.2 Other information

*** Section 10 - Stability and Reactivity ***

10.1 Reactivity

- Stable under normal conditions

10.2 Chemical stability

- Stable under normal conditions

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

- Keep away from: heat sources, ignition sources, oxidizing agents, acids, bases

10.5 Incompatible materials

10.6 Hazardous decomposition products

- On combustion CO and CO₂ are formed

*** Section 11 - Toxicological Information ***

11.1 Information on toxicological effects

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Acute Toxicity

LD50 oral rat : N.D. mg/kg

LD50 dermal rat : N.D. mg/kg

LD50 dermal rabbit : N.D. mg/kg

LC50 inhalation rat : N.D. mg/l/4 h

LC50 inhalation rat : N.D. ppm/4 h

Chronic Toxicity

EC carc. cat. : not listed

EC muta. cat. : not listed

EC repr. cat. : not listed

Carcinogenicity (TLV) : not listed

Carcinogenicity (MAC) : not listed

Carcinogenicity (VME) : not listed

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Carcinogenicity (GWBB) : not listed
Carcinogenicity (MAK) : not listed
Mutagenicity (MAK) : not listed
Teratogenicity (MAK) : not listed
IARC classification : 3

After Inhalation

- Headache
- Nausea
- Feeling of weakness
- Dizziness
- CNS depression
- Disturbances of consciousness

After Ingestion

- Risk of aspiration pneumonia

Skin Corrosion/Irritation

- ON CONTINUOUS EXPOSURE/CONTACT:
- Dry skin
- Cracking of the skin

Serious Eye Damage/Irritation

- Irritation of the eye tissue
- Redness of the eye tissue
- Lacrimation

Respiratory or Skin Sensitisation:

Germ Cell Mutagenicity

Carcinogenicity

Component Carcinogenicity

Component Name

ACGIH:

IARC:

Reproductive Toxicity

Specific Target Organ Toxicity - Single Exposure

Specific Target Organ Toxicity - Repeated Exposure

Aspiration Hazard

Medical Conditions Aggravated by Exposure

Other Information

Chronic effects:

- Not classifiable as a human carcinogen

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-Not listed in mutagenicity class (EC,MAK)

-Not classified as toxic to reproduction (EC)

*** Section 12 - Ecological Information ***

12.1 Toxicity

No data available

Component Name n-hexane:

Fish: EC50 (48 h):

Algae: EC50(h) :

Invertebrate: LC 50(96 h):

12.2 Persistence and degradability

- biodegradation BOD₅: N.D. % ThOD

- water : - No data available

- soil : T ½: N.D. days

12.3 Bioaccumulative potential

- log P_{ow}: N.D.

- BCF : N.D.

12.4 Mobility in soil

- Volatile organic compounds (VOC): 100 %

- Insoluble in water

- Substance floats in water

For other physicochemical properties see heading 9

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

- WGK : 2 (Classification based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 17 May 1999)

- Effect on the ozone layer : Not dangerous for the ozone layer (1999/45/EC)

- Greenhouse effect : no data available

- Effect on waste water purification : no data available

*** Section 13 - Disposal Considerations ***

13.1 Waste treatment methods

- Waste material code (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 14 06 03* (other solvents and solvent mixtures)

- Hazardous waste (91/689/EEC)

13.2 Disposal methods:

- Recycle by distillation

- Remove to an authorized waste incinerator for solvents

- Do not discharge into drains or the environment

13.3 Packaging/Container:

- Waste material code packaging (91/689/EEC, Council Decision 2001/118/EC, O.J. L47 of 16/2/2001): 15 01 10* (packaging containing residues of or contaminated by dangerous substances)

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*** Section 14 - Transport Information ***

14.1 Classification of the substance in compliance with UN Recommendations

UN number : 1268

CLASS : 3

SUB RISKS : -

PACKING : II

PROPER SHIPPING NAME : UN 1268, Petroleum distillates, n.o.s. or Petroleum products, n.o.s. (low boiling point naphtha), Special provision 640D

14.2 ADR (transport by road)

CLASS : 3

PACKING : II

CLASSIFICATION CODE : F1

DANGER LABEL TANKS : 3

DANGER LABEL PACKAGES : 3

14.3 RID (transport by rail)

CLASS : 3

PACKING : II

CLASSIFICATION CODE : F1

DANGER LABEL TANKS : 3

DANGER LABEL PACKAGES : 3

14.4 ADNR (transport by inland waterways)

CLASS : 3

PACKING : II

CLASSIFICATION CODE : F1

DANGER LABEL TANKS : 3

DANGER LABEL PACKAGES : 3

14.5 IMDG (maritime transport)

CLASS : 3

SUB RISKS : -

PACKING : II

MFAG : -

EMS : F-E, S-E

MARINE POLLUTANT : -

14.6 ICAO (air transport)

CLASS : 3

SUB RISKS : -

PACKING : II

PACKING INSTRUCTIONS PASSENGER AIRCRAFT : 305/Y305

PACKING INSTRUCTIONS CARGO AIRCRAFT : 307

14.7 Special precautions in connection with transport

: none

14.8 Limited quantities (LQ) :

When substances and their packaging meet the conditions established by ADR/RID/ADNR in chapter 3.4, **only** the following prescriptions shall be complied with: each package shall display a diamond-shaped figure with the

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following inscription: - 'UN 1268' or, in the case of different goods with different identification numbers within a single package: - the letters 'LQ'

*** Section 15 - Regulatory Information ***

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Contains: low boiling point naphtha.

Classification according to directives 67/548/EEC and 1999/45/EC



R11 : Highly Flammable

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Precautionary Statement(s)

R65 : Harmful: may cause lung damage if swallowed

R66 : Repeated exposure may cause skin dryness or cracking

R67 : Vapours may cause drowsiness and dizziness

S(02) : (Keep out of reach of children)

S23 : Do not breathe in vapour

S24 : Avoid contact with skin

S61 : Avoid release to the environment. Refer to special instructions/safety data sheets.

S(62) : (If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label)

Highly flammable

Harmful

Dangerous for the environment

REACH Candidate List

of Substances Subject to Authorisation (Article 59(1)) - Reg. (EU) No. 1907/2006

No components of this material are listed.

EU - REACH (1907/2006) - Annex XIV List of Substances Subject to Authorisation

No components of this material are listed.

15.2 Chemical Safety Assessment Information

*** Section 16 - Other Information ***

16.1 Other Information

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

N.A. = NOT APPLICABLE

N.D. = NOT DETERMINED

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(*) = INTERNAL CLASSIFICATION (NFPA)

Exposure limits:

TLV : Threshold Limit Value - ACGIH USA

OES : Occupational Exposure Standards - United Kingdom

MEL : Maximum Exposure Limits - United Kingdom

MAK : Maximale Arbeitsplatzkonzentrationen - Germany

TRK : Technische Richtkonzentrationen - Germany

MAC : Maximale aanvaarde concentratie - The Netherlands

VME : Valeurs limites de Moyenne d'Exposition - France

VLE : Valeurs limites d'Exposition à court terme - France

GWBB : Grenswaarde beroepsmatige blootstelling - Belgium

GWK : Grenswaarde kortstondige blootstelling - Belgium

EC : Indicative occupational exposure limit values - directive 2000/39/EC

I : Inhalable fraction = **T**: Total dust = **E**: Einatembarer Aerosolanteil

R : Respirable fraction = **A**: Alveolengängiger Aerosolanteil/Alveolar dust

C : Ceiling limit

a: aerosol **r**: rook/Rauch (fume)

d: damp (vapour) **st**: stof/Staub (dust)

du: dust **ve**: vezel (fibre)

fa: Faser (fibre) **va**: vapour

fi: fibre **om**: oil mist

fu: fume **on**: olienevel/Ölnebel (oil mist)

p: poussière (dust) **part**: particles

Chronic toxicity:

K : List of the carcinogenic substances and processes - The Netherlands

Full text of any R-phrases referred to under heading 2:

R12 : Extremely Flammable

R38 : Irritating to skin

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Precautionary Statement(s)

R65 : Harmful: may cause lung damage if swallowed

R66 : Repeated exposure may cause skin dryness or cracking

R67 : Vapours may cause drowsiness and dizziness