

SAFETY DATA SHEET

According to Work Health and Safety Regulations 2011 and National Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals

Version 1.0

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SDS Record Number: CSSS-TCO-010-144223

SEAL & BOND SPECIAL PRIMER

1. Identification of the material and supplier

Material name:	SEAL & BOND SPECIAL PRIMER
Other Names:	-
Recommended use:	Primer.
Manufacturer:	
Supplier(Manufacturer):	Novatio
Address:	Industrielaan 5B B-2250 Olen
Contact person(E-mail):	info@novatio.be
Telephone:	+32 14 25 76 40
Fax:	+32 14 22 02 66
Emergency number:	+32 14 58 45 45
Importer	
Company name:	Olmurtech
Address:	P.O. BOX 5939 Brendale DC, QLD. 4500 Australia www.olmurtech.com.au
Contact person(E-mail):	-
Telephone:	+61 0 426 177 310
Fax:	-
Emergency number:	Poisons Information Centre 24 hour contact within NZ ☎ 0800 764 766 (0800POISON) 24 hour contact from outside NZ ☎ +64 3 479 7248

2. Hazards identification

GHS classification:

Physical hazards:	Aerosols	Category 1
Health hazards:	Skin corrosion/irritation	Category 2
	Specific target organ toxicity (single exposure)	Category 3
Environmental hazards:	Hazardous to the aquatic environment - acute hazard	Category 2
	Hazardous to the aquatic environment - long-term hazard	Category 2

GHS label elements:

Hazard Pictograms :



Created by: Brandweerinformatiecentrum voor gevaarlijke stoffen vzw (BIG)

Technische Schoolstraat 43 A, B-2440 Geel

<http://www.big.be>

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Signal word: Danger

Hazard statement: Extremely flammable aerosol.
Pressurized container: may burst if heated.
Causes skin irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.

Precautionary statement:

Prevention: Keep away from heat/sparks/ open flames/hot surfaces. –No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves.

Response: IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
Call a POISON CENTER or doctor/ physician if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Collect spillage.

Storage: Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Disposal: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.
Dispose of contents/container in accordance with local regulation.

Specific hazards: Not applicable.

3. Composition/information on ingredients

Components	CAS No.	Percent
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	-	50% ≤ C < 75%
dimethyl ether	115-10-6	25% ≤ C < 50%
reaction mass of ethylbenzene and xylene	-	5% ≤ C < 10%

4. First aid measures

Inhalation: Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

Skin: If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water. If irritation persists, consult a doctor/medical service.

Eye: Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

Ingestion: Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

Notes to physician: Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media:	Small fire: Quick-acting ABC powder extinguisher, Quick-acting BC powder extinguisher. Major fire: Adapt extinguishing media to the environment for surrounding fires.
Extinguishing media which must not be used for safety reasons:	Not available.
Specific hazards arising from the chemical:	Upon combustion: CO and CO ₂ are formed. Pressurized container: May burst if heated.
Fire Fighting:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
HAZCHEM code	None.

6. Accidental release measures

Personal precautions:	Stop engines and no smoking. No naked flames or sparks. Spark- and explosion proof appliances and lighting equipment.
Containment procedures:	Contain released product. Dam up the liquid spill.
Methods for cleaning up:	Take up liquid spill into absorbent material. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling.

7. Handling and storage

Precautions for safe handling:	Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Gas/vapor heavier than air at 20°C. Observe normal hygiene standards. Remove contaminated clothing immediately.
Storage:	Storage temperature: < 50 °C. Ventilation at floor level. Fireproof storeroom. Keep out of direct sunlight. Meet the legal requirements. Keep away from: Heat sources, ignition sources.

8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)

Components	Type	Value
Dimethyl Ether (CAS 115-10-6)	STEL	950 mg/m ³
		500 ppm
	TWA	760 mg/m ³
		400 ppm

Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)

Components	Type	Value
Dimethyl Ether (CAS 115-10-6)	STEL	950 mg/m ³
		500 ppm
	TWA	760 mg/m ³
		400 ppm

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
Dimethyl Ether (CAS 115-10-6)	STEL	958 mg/m ³
		500 ppm

	TWA	766 mg/m ³ 400 ppm
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Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value
Dimethyl Ether (CAS 115-10-6)	TWA	1900 mg/m ³ 1000 ppm

Biological limit values:	No biological exposure limits noted for the ingredient(s).
Appropriate engineering controls:	Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
Personal protective equipment:	
Eye/face protection:	Protective goggles (EN 166).
Skin protection:	Protective clothing (EN 14605 or EN 13034). Head/neck protection.
Respiratory protection:	Full face mask with filter type A at conc. in air > exposure limit.
Hand protection:	Protective gloves against chemicals (EN 374). Materials: butyl rubber, Thickness: 0.4 mm, Measured breakthrough time: > 480 minutes.

9. Physical and chemical properties

Appearance:

Physical state:	Aerosol
Form:	Aerosol
Color:	Variable in color, depending on the composition
Odor:	Characteristic odor
Odour threshold:	Not available
PH:	Not available
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid, gas) :	Extremely flammable aerosol.
Upper/lower flammability or explosive limits:	0.6 - 26.2 vol % ; Propellant
Vapor pressure:	4000 hPa (20 °C; Liquid)
Vapor density:	Not available
Relative density:	0.70 (20 °C; Liquid)
Solubility (H₂O) :	Insoluble
Partition coefficient (n-octanol/water) :	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Dynamic viscosity:	Not available
Kinematic viscosity:	Not available
Organic solvents:	Not available
Water:	Not available
VOC (EC) :	Not available
Solids contents:	Not available
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

Absolute density: 700 kg/m³ (20 °C; Liquid)

10. Stability and reactivity

Reactivity:	May be ignited by sparks. Gas/vapor spreads at floor level: ignition hazard.
Chemical stability:	Stable at room temperature in closed containers under normal storage and handling conditions.
Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
Conditions to avoid:	Incompatible materials. Use spark-/explosion proof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks.
Incompatible materials:	Not available.
Hazardous decomposition products:	Upon combustion: CO and CO ₂ are formed.

11. Toxicological information

Toxicological data:	
Acute toxicity:	
hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	
LD50(Oral, Rat):	> 5840 mg/kg bw
LD50(Dermal, Rat):	2800 mg/kg bw - 3100 mg/kg bw
LC50(Inhalation, Rat):	> 21 mg/l 4 h
Skin corrosion/Irritation:	Causes skin irritation.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitization:	No data available.
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
STOT- single exposure:	May cause drowsiness or dizziness
STOT-repeated exposure:	No data available.
Aspiration hazard:	No data available.
Other information	This product has no known adverse effect on human health.

12. Ecological information

Toxicity:

hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LL50	11.4 mg/L	96h	Fish	OECD 203	N/A	N/A
EL50	3 mg/L	48h	Daphnia	OECD 202	N/A	N/A
EC50	30 mg/l - 100 mg/l	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	Contains non readily biodegradable component(s).
Bioaccumulative potential:	No straightforward conclusion can be drawn based upon the available numerical values
Mobility in soil:	Contains component(s) with potential for mobility in the soil.
Other adverse effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal methods:	Collect and reclaim or dispose in sealed containers at licensed waste disposal site.
Waste from residues/unused products:	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging:	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

ADG

UN number	UN1950
Proper shipping name	AEROSOLS
Hazard class	2.1
Packing group	-
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

IATA

UN number	UN1950
Proper shipping name	AEROSOLS
Hazard class	2.1
Packing group	-
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN1950
Proper shipping name	AEROSOLS
Hazard class	2.1
Packing group	-
Environmental hazards	
Marine pollutant	Yes
Special precautions	Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: -

15. Regulatory information

Safety, health and environmental regulations

National regulations

Australia Medicines & Poisons Appendix A/D/E/F/G/H/I/J/K / Australia Medicines & Poisons Schedule 10/2/3/4/5/6/7/8/9

Poisons schedule number not allocated.

Australia Medicines & Poisons Appendix B

Dimethyl Ether (CAS 115-10-6)

High Volume Industrial Chemicals (HVIC)

Not listed.

Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

National Pollutant Inventory (NPI) substance reporting list

Not listed.

Prohibited Carcinogenic Substances

Not regulated.

Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

Restricted Carcinogenic Substances

Not regulated.

International regulations

Stockholm Convention

Not applicable

Rotterdam Convention

Not applicable.

Kyoto protocol

Not applicable.

Montreal Protocol

Not applicable.

Basel Convention

Not applicable.

Inventory status:

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Not available
Canada	Domestic /Non-Domestic Substances List (DSL) /(NDSL)	Not available
China	Inventory of Existing Chemical Substances in China (IECSC)	Not available
Europe	European Inventory of Existing Commercial/ Notified Chemical Substances (EINECS) / (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Not available
Korea	Existing Chemicals List (ECL)	Not available
New Zealand	New Zealand Inventory	Not available
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Not available
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Not available

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Indication of changes:	Version 1.0
Training instructions:	Not applicable.
Further information:	This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.
Notice to reader:	Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.