

**SAFETY DATA SHEET**

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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**1.1. Identification of the preparation:** **SPECTRAL WAVE:** SW-000 BLACK, SW-002 BLUE BLACK, SW-090 WHITE, SW-100 BRIGHT RED, SW-101 YELLOW RED, SW-102 BRILLANT RED, SW-140 RED OXIDE, SW-141 ORANGE, SW-160 PASTEL PINK, SW-162 RED PINK, SW-163 CLEAR BLUE RED, SW-310 CLEAR RED BROWN, SW-410 YELLOW OXIDE, SW-412 RED YELLOW, SW-413 CLEAR GOLD YELLOW, SW-450 GREEN YELLOW, SW-600 PASTEL BLUE, SW-610 PASTEL RED BLUE, SW-540 YELLOW GREEN, SW-541 GOLDEN GREEN, SW-560 PASTEL BLUE GREEN, SW-561 BLUE GREEN, SW-700 PASTEL VIOLET, SW-701 VIOLET, SW-710 PASTEL RED VIOLET, SW-D01 CLEAR GREY.

**1.2. Use of the preparation:** Water based pigment pastes designed for car refinsh.

**1.3. Company/undertaking identification:** **NOVOL Sp. z o.o.** Tel: (061) 810-98-00  
ul. Żabikowska 7/9 Fax: (061) 810-98-09  
62-052 Komorniki [www.novol.pl](http://www.novol.pl)  
Emergency tel: (061) 810-98-00

**2. HAZARD IDENTIFICATION**

**HEALTH HAZARDS:** Vapours may cause drowsiness and dizziness.

**OTHER:** Avoid contact with strong oxidants.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

EEC No.	Name of the substance	WE No.	CAS No.	Classification of the substance	Marking of the substance	Composition
607-195-00-7	2-Methoxy-1-methylethyl acetate	203-603-9	108-65-6	R10 Xi; R36	Xi R: 10-36 S: (2-)25	0-3%

**4. FIRST AID MEASURES**

**GENERAL INFORMATION:** See 11 point Product Date Sheet.

**INHALATION:** Take the casualty into the fresh air and keep warm irregular breathing/no breathing artificial respiration call a physician.

**SKIN:** Take off soiled clothes. Wash off with plenty of lukewarm water and soap (at least 15 minutes).consult a doctor in the event of skin reaction.

**EYES:** Hold the eyes open and rinse immediately with plenty of lukewarm water (at least 15 minutes). Contact with ophthalmologist.

**ALIMENTARY TRACT:** Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present Safety data sheet. A suspension of activated charcoal in water, or a liquid petrolatum may be administered.

**5. FIRE-FIGHTING MEASURES**

**FIRE EXTINGUISHING SUBSTANCES:** Water, CO<sub>2</sub>., powder, foam, sand.

**SPECIAL HAZARDS:** Fire may cause the generation of carbon monoxide.

**PROTECTIVE EQUIPMENT:** Firemen have to wear self-contained breathing apparatus and protective clothing.

**OTHER INFORMATION:** Cool adjacent tanks by spraying water from a safe distance.

**6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PROTECTION:** Eliminate sources of ignition. Ensure sufficient ventilation in this room. Avoid direct contact with the released substance. Avoid contact with skin and eyes. Put on protective equipment see chapter 8.

**PROTECTION OF THE ENVIRONMENT:** Prevent to get through to the sewage system, to the surface water, underground water, to the soil. In case of a major spillage the affected area should be separated with bounds.

**ACTION IN CASE OF SPILLAGE:** Seal the container; damaged containers should be placed in emergency containers. Besprinkle spillage, use e.g. mica, sand, wood flour. Remove the substance mechanically and put to emergency containers. For further disposal measures: see chapter 13.

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### 7. HANDLING AND STORAGE

**HANDLING RULES:** Keep away from heat and sources of fire. Do not smoke. Do not inhale vapours. Avoid contact with skin and eyes. Take precautionary measures against electrostatic loading. Do not eat and drink during working with product. Avoid contact with source of fire, incandescent materials and direct sunshine. Use only in well ventilated place. Put on protective equipment see chapter 8.

**STORAGE:** Keep in sealed containers in cool, well ventilated rooms. Storage in the vicinity of a large quantity of organic peroxides or strong oxidants is prohibited.

**PECULIAR APPLICATION:** See the technical product data sheet.

### 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

#### LIMIT VALUES:

for 2-methoxy-1-methylethyl acetate CAS 108-65-6 according to:

- TRGS 900: MAK: 50ppm, MAK: 270 mg/m<sup>3</sup>, 1(I),DFG, EU, Y
- Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]: TWA 50 ppm, 274 mg/m<sup>3</sup>, STEL 100ppm, 548 mg/m<sup>3</sup>, Sk

**RESPIRATORY TRACT PROTECTION:** Gas mask with "A" type absorbing canister.

**PROTECTION OF HANDS:** Protective gloves (viton, nitrile rubber).

**EYES PROTECTION:** Protective glasses.

**SKIN PROTECTION:** Suitable protective clothing (antistatic,impregnated clothing).

**WORKPLACE:** Topical stays and exhausting ventilation.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: liquid  
Colour: according to pallet colour  
Smell: pungent, penetrating odour  
Boiling point: 100°C  
Flash-point: 100°C  
Autoignition point: approx.100°C  
Explosion limits: % lower:: 1.5 vol% upper: 15.0 vol% (for 2-methoxy-1-methylethyl acetate)  
Vapour pressure: 3,1 hPa (20°C (20°C) (for 2-methoxy-1-methylethyl acetate)  
Density: 1.0 g/cm<sup>3</sup> (20°C)  
Water solubility: soluble

### 10. STABILITY AND REACTIVITY

**STABILITY:** The product remains stable under normal conditions.

**AVOID THE CONTACT OF THE MATERIAL WITH:** Strong oxidants, high temperature, strong acids and basis.

**DANGEROUS DECOMPOSITION PRODUCTS:** Carbon monoxide and other toxic gasses are generated as a result of thermal decomposition.

### 11. TOXICOLOGICAL INFORMATION

Toxicological studies at the preparation are not available.

#### TOXICITY:

2-methoxy-1-methylethyl acetate: LD<sub>50</sub> (rat, oral) >8532mg/kg  
LD<sub>50</sub> (rabit, skin) >5000 mg/kg

**IRRITATING EFFECT:** Skin: irritating to skin and mucous membranes.  
Eyes: irritating effect.

**SYMPTOMS OF POISONING:** Headache and vertigo, fatigue, decreased muscle power, sleepiness and, in exceptional instances, loss of consciousness. If swallowed, the substance may cause irritation of the alimentary tract, nausea, vomiting, and diarrhoea.

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### 12. ECOLOGICAL INFORMATION

Ecological studies at the preparation are not available.

2-Methoxy-1-methylethyl acetate: Daphnia magna/EC50 (48h.) > 500 mg/l  
Oncorhynchus mykiss/LC50 (96h.) 100-180 mg/l  
Number in catalogue includes substance danger to water : 5033  
Water hazard class : 1

Keep away from the sewage system, surface water, underground water, and soil.

### 13. DISPOSAL CONSIDERATIONS

**RECOMMENDATION:** Product must be disposed of by special means in accordance with local regulations.

**REMAINS OF PRODUCT:** Remains of product in the tin should be carefully remove and leave to dry (only in well ventilated places). Dried product is not harmful waste.

**TIN PARTLY EMPTY:** See remains of product code of waste: 15 01 02

### 14. TRANSPORT INFORMATION

**ADR/RID:** --

### 15. REGULATORY INFORMATION

Safety data sheet in accordance with Directives:

67/548/EWG(2006/121/WE)

91/155/EWG (2001/58/WE)

1999/45/EC (2006/8/WE)

2006/1907/WE REACH

Other regulations: ADR (2007-2009) , IMDG Code 2006 Edition

**CONTAINS:** ---

**HAZARD SYMBOL(S)** ---

**RISK-PHRASES:** ---

**SAFETY-PHRASES:** S (2-) Keep out of the reach of children.  
S 23 Do not breathe vapour/spray.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S 38 In case of insufficient ventilation, wear suitable respiratory equipment  
S 46 If swallowed, seek medical advice immediately and show this container or label

### 16. OTHER INFORMATION

Full text of the R and Phrases from section 2 and 3:

R10 Flammable.

R36 Irritating to eyes.

Information contained herein is based on our current knowledge. This document does not constitute a warranty for product characteristics.

Issued by: NOVOL Sp. z o.o.

Information: Laboratory Research and Development; tel. +48 61 810 99 09