

## Safety Data Sheet

acc. to OSHA HCS

Printing date 06/29/2016

Reviewed on 06/29/2016

### \* 1 Identification

- **Product identifier**
- **Trade name: IMP130 Gray, IMP140 Black, IMP150 Green Acid Etch Primers**
- **Article number: IMP130, IMP140, IMP150**
- **Application of the substance / the mixture** Coating
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Manufactured for Refinish Distributors Alliance  
PO Box 10431 Jackson, TN 38308
- **Information department:** 731 394 9366 Refinish Distributor Alliance [www.impactcollisionsolutions.com](http://www.impactcollisionsolutions.com)
- **Emergency telephone number:** CHEMTREC 1-800-424-9300

### \* 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 GHS04 Flame, Gas cylinder

Flam. Aerosol 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Press. Gas H280 Contains gas under pressure; may explode if heated.



GHS08 Health hazard

Muta. 1A H340 May cause genetic defects.  
Carc. 1A H350 May cause cancer.  
Repr. 2 H361 Suspected of damaging fertility or the unborn child.  
STOT SE 2 H371 May cause damage to organs.  
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.  
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

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GHS07

Acute Tox. 4     H302 Harmful if swallowed.  
 Skin Irrit. 2     H315 Causes skin irritation.  
 Eye Irrit. 2A     H319 Causes serious eye irritation.  
 STOT SE 3     H336 May cause drowsiness or dizziness.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS02

GHS04

GHS07

GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

Petroleum gases, liquefied, sweetened  
 CELLULOSE NITRATE  
 toluene  
 acetone

- **Hazard statements**

H222 Extremely flammable aerosol.  
 H280 Contains gas under pressure; may explode if heated.  
 H302 Harmful if swallowed.  
 H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H340 May cause genetic defects.  
 H350 May cause cancer.  
 H361 Suspected of damaging fertility or the unborn child.  
 H371 May cause damage to organs.  
 H336 May cause drowsiness or dizziness.  
 H373 May cause damage to organs through prolonged or repeated exposure.  
 H304 May be fatal if swallowed and enters airways.

- **Precautionary statements**

P210     Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P251     Do not pierce or burn, even after use.  
 P260     Do not breathe dust/fume/gas/mist/vapors/spray.  
 P211     Do not spray on an open flame or other ignition source.  
 P280     Wear protective gloves.  
 P280     Wear eye protection / face protection.  
 P264     Wash thoroughly after handling.  
 P270     Do not eat, drink or smoke when using this product.  
 P201     Obtain special instructions before use.  
 P202     Do not handle until all safety precautions have been read and understood.

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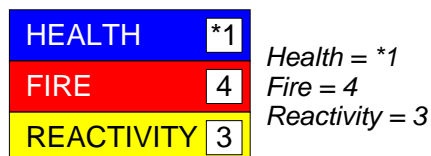
- P301+P310 *IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*
- P305+P351+P338 *If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
- P321 *Specific treatment (see on this label).*
- P308+P313 *IF exposed or concerned: Get medical advice/attention.*
- P332+P313 *If skin irritation occurs: Get medical advice/attention.*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P314 *Get medical advice/attention if you feel unwell.*
- P330 *Rinse mouth.*
- P331 *Do NOT induce vomiting.*
- P302+P352 *IF ON SKIN: Wash with plenty of water.*
- P362+P364 *Take off contaminated clothing and wash it before reuse.*
- P405 *Store locked up.*
- P410+P403 *Protect from sunlight. Store in a well-ventilated place.*
- P410+P412 *Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **Classification system:**

- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## \* 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:**

Mixture: consisting of the following components.  
Weight percentages

- **Dangerous components:**

68476-86-8	Petroleum gases, liquefied, sweetened	13 - 30%
67-64-1	acetone	13 - 30%
110-19-0	isobutyl acetate	7 - 10%
108-88-3	toluene	7 - 10%
141-78-6	ethyl acetate	5 - 7%

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78-93-3 butanone	(Contd. of page 3)
Resin NJTSRN 6784	5 - 7%
9004-70-0 CELLULOSE NITRATE	1.5 - 5%
13463-67-7 titanium dioxide	1.5 - 5%
64742-94-5 Solvent naphtha (petroleum), heavy arom.	1.5 - 5%
123-86-4 n-butyl acetate	1.5 - 5%
67-63-0 propan-2-ol	1-1.5%
14808-60-7 Quartz (SiO <sub>2</sub> )	1-1.5%
1330-20-7 xylene	1-1.5%
14807-96-6 Talc	1-1.5%
1330-78-5 tris(methylphenyl) phosphate	≤1%

### \* 4 First-aid measures

- **Description of first aid measures**

- **General information:**

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.

- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

- **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

- **After swallowing:** Immediately call a doctor.

- **Information for doctor:**

- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

- **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### \* 5 Fire-fighting measures

- **Extinguishing media**

- **Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- **Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

- **Advice for firefighters**

- **Protective equipment:**

Wear self-contained respiratory protective device.

Mouth respiratory protective device.

### \* 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

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- **Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## \* 7 Handling and storage

- **Handling:**
- **Precautions for safe handling**  
No special measures required.  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.
- **Information about protection against explosions and fires:**  
Do not spray on a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Keep respiratory protective device available.  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:** Store away from oxidizing agents.
- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s)** No further relevant information available.

## \* 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.
- **67-64-1 acetone**  
PEL Long-term value: 2400 mg/m<sup>3</sup>, 1000 ppm  
REL Long-term value: 590 mg/m<sup>3</sup>, 250 ppm  
TLV Short-term value: 1187 mg/m<sup>3</sup>, 500 ppm  
Long-term value: 594 mg/m<sup>3</sup>, 250 ppm  
BEI
- **110-19-0 isobutyl acetate**  
PEL Long-term value: 700 mg/m<sup>3</sup>, 150 ppm  
REL Long-term value: 700 mg/m<sup>3</sup>, 150 ppm  
TLV Short-term value: 172 mg/m<sup>3</sup>, 150 ppm  
Long-term value: 238 mg/m<sup>3</sup>, 50 ppm

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**108-88-3 toluene**

PEL Long-term value: 200 ppm  
 Ceiling limit value: 300; 500\* ppm  
 \*10-min peak per 8-hr shift

REL Short-term value: 560 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 375 mg/m<sup>3</sup>, 100 ppm

TLV Long-term value: 75 mg/m<sup>3</sup>, 20 ppm  
 BEI

**141-78-6 ethyl acetate**

PEL Long-term value: 1400 mg/m<sup>3</sup>, 400 ppm

REL Long-term value: 1400 mg/m<sup>3</sup>, 400 ppm

TLV Long-term value: 1440 mg/m<sup>3</sup>, 400 ppm

**78-93-3 butanone**

PEL Long-term value: 590 mg/m<sup>3</sup>, 200 ppm

REL Short-term value: 885 mg/m<sup>3</sup>, 300 ppm  
 Long-term value: 590 mg/m<sup>3</sup>, 200 ppm

TLV Short-term value: 885 mg/m<sup>3</sup>, 300 ppm  
 Long-term value: 590 mg/m<sup>3</sup>, 200 ppm  
 BEI

**123-86-4 n-butyl acetate**

PEL Long-term value: 710 mg/m<sup>3</sup>, 150 ppm

REL Short-term value: 950 mg/m<sup>3</sup>, 200 ppm  
 Long-term value: 710 mg/m<sup>3</sup>, 150 ppm

TLV Short-term value: 712 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 238 mg/m<sup>3</sup>, 50 ppm

**67-63-0 propan-2-ol**

PEL Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

REL Short-term value: 1225 mg/m<sup>3</sup>, 500 ppm  
 Long-term value: 980 mg/m<sup>3</sup>, 400 ppm

TLV Short-term value: 984 mg/m<sup>3</sup>, 400 ppm  
 Long-term value: 492 mg/m<sup>3</sup>, 200 ppm  
 BEI

**14808-60-7 Quartz (SiO<sub>2</sub>)**

PEL see Quartz listing

REL Long-term value: 0.05\* mg/m<sup>3</sup>  
 \*respirable dust; See Pocket Guide App. A

TLV Long-term value: 0.025\* mg/m<sup>3</sup>  
 \*as respirable fraction

**1330-20-7 xylene**

PEL Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

REL Short-term value: 655 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 435 mg/m<sup>3</sup>, 100 ppm

TLV Short-term value: 651 mg/m<sup>3</sup>, 150 ppm  
 Long-term value: 434 mg/m<sup>3</sup>, 100 ppm  
 BEI

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· **Ingredients with biological limit values:**

**67-64-1 acetone**

BEI 50 mg/L

Medium: urine

Time: end of shift

Parameter: Acetone (nonspecific)

**108-88-3 toluene**

BEI 0.02 mg/L

Medium: blood

Time: prior to last shift of workweek

Parameter: Toluene

0.03 mg/L

Medium: urine

Time: end of shift

Parameter: Toluene

0.3 mg/g creatinine

Medium: urine

Time: end of shift

Parameter: o-Cresol with hydrolysis (background)

**78-93-3 butanone**

BEI 2 mg/L

Medium: urine

Time: end of shift

Parameter: MEK

**67-63-0 propan-2-ol**

BEI 40 mg/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

**1330-20-7 xylene**

BEI 1.5 g/g creatinine

Medium: urine

Time: end of shift

Parameter: Methylhippuric acids

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

· **Breathing equipment:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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- **Protection of hands:**

*Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.*

*Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation*



Protective gloves

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

- **Material of gloves**

*The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*

- **Penetration time of glove material**

*The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.*

- **Eye protection:**

*Safety glasses*



Tightly sealed goggles

## \* 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:**

Aerosol

**Color:**

According to product specification

- **Odor:**

Characteristic

- **Odor threshold:**

Not determined.

- **pH-value:**

Not determined.

- **Change in condition**

**Melting point/Melting range:**

Undetermined.

**Boiling point/Boiling range:**

55 °C

- **Flash point:**

-103 °C

- **Flammability (solid, gaseous):**

Not applicable.

- **Ignition temperature:**

405 °C

- **Decomposition temperature:**

Not determined.

- **Auto igniting:**

Product is not selfigniting.

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- **Danger of explosion:** *In use, may form flammable/explosive vapour-air mixture.*
- **Explosion limits:**
  - Lower: 1.9 Vol %
  - Upper: 13.0 Vol %
- **Vapor pressure at 20 °C:** 233 hPa
- **Density at 20 °C:** 0.77916 g/cm<sup>3</sup>
- **Relative density** *Not determined.*
- **Vapor density** *Not determined.*
- **Evaporation rate** *Not applicable.*
- **Solubility in / Miscibility with Water:** *Not miscible or difficult to mix.*
- **Partition coefficient (n-octanol/water):** *Not determined.*
- **Viscosity:**
  - Dynamic: *Not determined.*
  - Kinematic: *Not determined.*
- **Solvent content:**
  - Organic solvents: 85.3 %
  - VOC content: 62.1 %
  - 627.8 g/l / 5.24 lb/gal
- **Solids content:** 14.7 %
- **Other information** *No further relevant information available.*

## \*10 Stability and reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Possibility of hazardous reactions** *No dangerous reactions known.*
- **Conditions to avoid** *No further relevant information available.*
- **Incompatible materials:** *No further relevant information available.*
- **Hazardous decomposition products:**
  - Carbon monoxide and carbon dioxide
  - Nitrogen oxides (NO<sub>x</sub>)
  - Hydrocarbons

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
  - 108-88-3 toluene**
  - Oral LD50 5000 mg/kg (rat)
  - Dermal LD50 12124 mg/kg (rabbit)
  - Inhalative LC50/4 h 5320 mg/l (mouse)

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- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful  
Irritant
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**

108-88-3 toluene	3
13463-67-7 titanium dioxide	2B
67-63-0 propan-2-ol	3
14808-60-7 Quartz (SiO <sub>2</sub> )	1
1330-20-7 xylene	3
14807-96-6 Talc	3
7631-86-9 silicon dioxide, chemically prepared	3
1333-86-4 Carbon black	2B
111-76-2 2-butoxyethanol	3
100-41-4 ethylbenzene	2B
- **NTP (National Toxicology Program)**

14808-60-7 Quartz (SiO <sub>2</sub> )	K
---------------------------------------	---
- **OSHA-Ca (Occupational Safety & Health Administration)**

68911-87-5 montmorillonite clay complex	
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## \*12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 3 (Self-assessment): extremely hazardous for water  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water if even extremely small quantities leak into the ground.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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## 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

## \*14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA** UN1950
- **UN proper shipping name**
- **DOT** Aerosols, flammable
- **ADR** 1950 Aerosols
- **IMDG** AEROSOLS
- **IATA** AEROSOLS, flammable
- **Transport hazard class(es)**
- **DOT**



- **Class** 2.1
- **Label** 2.1
- **ADR**



- **Class** 2 5F Gases
- **Label** 2.1
- **IMDG, IATA**



- **Class** 2.1
- **Label** 2.1

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- **Packing group**
- **DOT, ADR, IMDG, IATA** Void
- **Environmental hazards:**
- **Marine pollutant:** No
- **Special precautions for user** Warning: Gases
- **EMS Number:** F-D,S-U
- **Stowage Code** SW1 Protected from sources of heat.  
SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
- **Segregation Code** SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.
- **Transport/Additional information:**
- **DOT**
- **Quantity limitations** On passenger aircraft/rail: 75 kg  
On cargo aircraft only: 150 kg
- **Remarks** ORM-D 49CFR 173-150,156,306
- **ADR**
- **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity
- **IMDG**
- **Limited quantities (LQ)** 1L
- **Excepted quantities (EQ)** Code: E0  
Not permitted as Excepted Quantity
- **UN "Model Regulation":** UN 1950 AEROSOLS, 2.1

## \*15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Sara**
- **Section 355 (extremely hazardous substances):**  
None of the ingredient is listed.
- **Section 313 (Specific toxic chemical listings):**
  - 108-88-3 toluene
  - 78-93-3 butanone
  - 67-63-0 propan-2-ol
  - 1330-20-7 xylene

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14807-96-6 Talc

67-56-1 methanol

ACRYLIC RESIN

111-76-2 2-butoxyethanol

100-41-4 ethylbenzene

· **TSCA (Toxic Substances Control Act):**

68476-86-8 Petroleum gases, liquefied, sweetened

67-64-1 acetone

110-19-0 isobutyl acetate

108-88-3 toluene

141-78-6 ethyl acetate

78-93-3 butanone

9004-70-0 CELLULOSE NITRATE

13463-67-7 titanium dioxide

64742-94-5 Solvent naphtha (petroleum), heavy arom.

123-86-4 n-butyl acetate

67-63-0 propan-2-ol

14808-60-7 Quartz (SiO<sub>2</sub>)

1330-20-7 xylene

14807-96-6 Talc

18268-70-7 Tetraethylene Glycol Di 2-ethylhexoate

· **Proposition 65**

· **Chemicals known to cause cancer:**

13463-67-7 titanium dioxide

14808-60-7 Quartz (SiO<sub>2</sub>)

1330-20-7 xylene

1333-86-4 Carbon black

100-41-4 ethylbenzene

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

108-88-3 toluene

67-56-1 methanol

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

67-64-1 acetone

108-88-3 toluene

78-93-3 butanone

1330-20-7 xylene

111-76-2 2-butoxyethanol

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II

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100-41-4 ethylbenzene

D

· **TLV (Threshold Limit Value established by ACGIH)**

67-64-1 acetone

A4

108-88-3 toluene

A4

13463-67-7 titanium dioxide

A4

67-63-0 propan-2-ol

A4

14808-60-7 Quartz (SiO<sub>2</sub>)

A2

1330-20-7 xylene

A4

14807-96-6 Talc

A4

1333-86-4 Carbon black

A4

111-76-2 2-butoxyethanol

A3

100-41-4 ethylbenzene

A3

· **NIOSH-Ca (National Institute for Occupational Safety and Health)**

13463-67-7 titanium dioxide

14808-60-7 Quartz (SiO<sub>2</sub>)

67-56-1 methanol

1333-86-4 Carbon black

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



· **Signal word** Danger

· **Hazard-determining components of labeling:**

Petroleum gases, liquefied, sweetened

CELLULOSE NITRATE

toluene

acetone

· **Hazard statements**

H222 Extremely flammable aerosol.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H340 May cause genetic defects.

H350 May cause cancer.

H361 Suspected of damaging fertility or the unborn child.

H371 May cause damage to organs.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

H304 May be fatal if swallowed and enters airways.

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USA

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 06/29/2016

Reviewed on 06/29/2016

Trade name: **IMP130 Gray, IMP140 Black, IMP150 Green Acid Etch Primers**

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- **Precautionary statements**

- P210 *Keep away from heat/sparks/open flames/hot surfaces. No smoking.*
- P251 *Do not pierce or burn, even after use.*
- P260 *Do not breathe dust/fume/gas/mist/vapors/spray.*
- P211 *Do not spray on an open flame or other ignition source.*
- P280 *Wear protective gloves.*
- P280 *Wear eye protection / face protection.*
- P264 *Wash thoroughly after handling.*
- P270 *Do not eat, drink or smoke when using this product.*
- P201 *Obtain special instructions before use.*
- P202 *Do not handle until all safety precautions have been read and understood.*
- P301+P310 *IF SWALLOWED: Immediately call a POISON CENTER/ doctor.*
- P305+P351+P338 *If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
- P321 *Specific treatment (see on this label).*
- P308+P313 *IF exposed or concerned: Get medical advice/attention.*
- P332+P313 *If skin irritation occurs: Get medical advice/attention.*
- P337+P313 *If eye irritation persists: Get medical advice/attention.*
- P314 *Get medical advice/attention if you feel unwell.*
- P330 *Rinse mouth.*
- P331 *Do NOT induce vomiting.*
- P302+P352 *IF ON SKIN: Wash with plenty of water.*
- P362+P364 *Take off contaminated clothing and wash it before reuse.*
- P405 *Store locked up.*
- P410+P403 *Protect from sunlight. Store in a well-ventilated place.*
- P410+P412 *Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.*
- P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **National regulations:**

- **Additional classification according to Decree on Hazardous Materials:**

Carcinogenic hazardous material group III (dangerous).

- **Information about limitation of use:**

Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## \*16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing SDS:** Environment protection department.

- **Contact:** RDA Safety Department 731 394 9366

- **Date of preparation / last revision** 06/29/2016 / 10

- **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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USA

# Safety Data Sheet

acc. to OSHA HCS

Printing date 06/29/2016

Reviewed on 06/29/2016

**Trade name: IMP130 Gray, IMP140 Black, IMP150 Green Acid Etch Primers**

(Contd. of page 15)

EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
BEI: Biological Exposure Limit  
Flam. Aerosol 1: Aerosols – Category 1  
Press. Gas: Gases under pressure – Compressed gas  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
Muta. 1A: Germ cell mutagenicity – Category 1A  
Carc. 1A: Carcinogenicity – Category 1A  
Repr. 2: Reproductive toxicity – Category 2  
STOT SE 2: Specific target organ toxicity (single exposure) – Category 2  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2  
Asp. Tox. 1: Aspiration hazard – Category 1

**\* Data compared to the previous version altered.**

USA