SAFETY DATA SHEET

Version for USA

Creation Date: 06/16/2016

Tradename: MIXOL® No. 11 Violett (Violet)

SECTION 1: IDENTIFICATION

Identification of the company

MIXOL-PRODUKTE Diebold GmbH
Carl-Zeiss-Str. 17-19
73230 Kirchheim/Teck
Phone: 0049 / 7021 / 950090
Fax: 0049 / 7021 / 56030

Information to substance / preparation
Division: Technics
Phone: +49(0)7021 / 950090
E-mail: Technik@mixol.de

Emergency tel.number
Emergency CONTACT (24-Hour-Number)
GBK/Infotrac ID 107633: (USA DOMESTIC) 1 800 535 5053 or
International (001) 352 323 3500

Trade name

MIXOL® No. 11 Violett (Violet)

Primary product use

Colouring agent

Chemical family

C.I. Pigment Violet 23 and Calciumcarbonate in aqueous dispersion, containing Polyglykol- and 1,2-Propandiol.

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification

Not a hazardous substance or mixture.

GHS Label element

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Hazardous components

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SECTION 4: FIRST AID MEASURES

General advice

Get medical advice / attention if you feel unwell.

If inhaled

Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.

In case of skin contact

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

In case of eye contact

Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

If swallowed

If conscious, give the victim plenty of water to drink.
Consult a physician.
Never give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed

None known.

Notes to physician

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing media

Water spray jet
Dry powder
Carbon dioxide (CO_2)
Alcohol-resistant foam

Unsuitable extinguishing media

High volume water jet

Specific hazards during firefighting

In case of fires, hazardous decomposition products may be produced such as:
Carbon oxides
Nitrogen oxides (NO_X)
Hydrogen chloride
Sulphur oxides

Further information

Wear suitable protective equipment.
Special protective equipment for firefighting:

Special protective equipment for firefighters

Self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear suitable personal protective equipment.

Environment precautions

The product should not be allowed to enter drains, water courses or the soil.

Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Treat recovered material as described in the section "Disposal considerations".

SECTION 7: HANDLING AND STORAGE

Advice on protection against fire and explosion

Normal measures for preventive fire protection.

Advice on safe handling

Use personal protective equipment.
Avoid breathing dust.
Avoid contact with skin and eyes.
Wash thoroughly after handling.
Store in a dry place.

Keep away from heat.
Store in original container.
Keep container tightly closed.

Technical measures/Precautions

Keep containers tightly closed in a cool, well-ventilated place.Handle and open container with care.
Keep away from flames and sparks.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters/ Permissible concentration	Basis
Amorphous silicon dioxide	7631-86-9	TWA	6 mg/m^3	NIOSH REL
		TWA	20 Million particles per cubic foot	OSHA Z-3
	Further information: Millions of particles per cubic foot of air, based on impinger samples counted by light-field techniques., mppcf X 35.3 = million particles per cubic meter = particles per c.c			

Engineering measures

Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Personal protective equipment

Respiratory protection:
Use NIOSH/MSHA approved respirators following manufacturer's recommendations where dust or fume may be generated.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand protection Remarks:
Butyl Rubber, PVC or Neoprene.

Eye protection:
Safety glasses or chemical splash goggles.

Skin and body protection:
Wear suitable protective equipment.

Protective measures:
Wear suitable protective equipment.

Hygiene measures:
Wash hands before breaks and at the end of workday.
Use protective skin cream before handling the product.
Take off immediately all contaminated clothing and wash it before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	liquid
Colour:	violet
Odour:	not significant
Odour threshold:	not required
pH value:	not measured
Boiling point:	approx. 100 °C

Flash point:	> 100 °C
Evaporation rate:	not determined
Flammability:	not determined
Lower explosion limit:	not determined
Upper explosive limit:	not determined
Combustion number:	not applicable
Vapour pressure:	not determined
Relative vapour density:	not determined
Relative Density:	no data available
Density:	1,23 g/cm^3
Solubility in water:	miscible
Octanol/ water partition n-coefficient (log Pow):	not determined
Auto-ignition temperature:	not determined
Decomposition temperature:	> 100 °C
Viscosity (dynamic):	not applicable
Oxidizing properties:	no data available
Melting point:	Not applicable
Molecular weight:	no data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.
Stable.

Conditions to avoid

None known.

Incompatible Materials

No data available.

Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGIC INFORMATION

Acute toxicity

Product:

Acute oral toxicity:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method
Acute inhalation toxicity:	Remarks: no data available
Acute dermal toxicity:	Remarks: no data available

Skin corrosion/irritation

Product:

Method:	OECD Test Guideline 439
Result:	No skin irritation
Remarks:	The toxicological data has been taken from products of similar composition.

Serious eye damage/eye irritation

Product: Remarks: no data available
Remarks: The toxicological data has been taken from products of similar composition.

Respiratory or skin sensitisation

Product:
Remarks: no data available

Germ cell mutagenicity

Product:
Genotoxicity in vitro: Remarks: no data available
Germ cell mutagenicity – Assessment: No information available.

Carcinogenicity

Product:
Carcinogenicity - Assessment: No information available.

Reproductive toxicity

Product:
Reproductive toxicity – Assessment: No information available.

STOT - single exposure

Product:
Remarks: no data available

STOT - repeated exposure

Product:
Remarks: no data available

Repeated dose toxicity

Product:
Remarks: This information is not available.

Aspiration toxicity

Product:
no data available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Product:
Toxicity to fish: Remarks: no data available
Toxicity to daphnia and other aquatic invertebrates: Remarks: no data available
Toxicity to algae: Remarks: no data available
Toxicity to fish (Chronic toxicity): Remarks: no data available
Toxicity to bacteria: Remarks: no data available

Persistence and degradability

Product:
Biodegradability: Remarks: no data available

Bioaccumulative potential

Product:
Bioaccumulation: Remarks: no data available

Mobility in soil

no data available

Other adverse effects

Product:

Environmental fate and pathways:	Remarks: no data available
Additional ecological information:	no data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues:	Dispose of in accordance with the European Directives on waste and hazardous waste.
Contaminated packaging:	This material and its container must be disposed of in a safe way.

SECTION 14: TRANSPORT INFORMATION

DOT:	not restricted
IATA:	not restricted
IMDG:	not restricted

SECTION 15: REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:	No SARA Hazards
SARA 302:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313:	This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act

Contains no known priority pollutants at concentrations greater than 0.1 %.

The components of this product are reported in the following inventories

TSCA:	On TSCA Inventory

SECTION 16: OTHER INFORMATION

Further information

Revision Date:

Full text of other abbreviations
AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing

Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative.

Further information:
Observe national and local legal requirements
Handle with care. Organic dusts have the potential to be explosive with static spark or flame initiation.

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications.

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