

# Safety Data Sheet

acc. to OSHA HCS

Printing date 07/06/2017

Reviewed on 07/06/2017

## 1 Identification

- **Product identifier**
- **Trade name:** White Resin Cure J10W
- **Article number:** 83-69103
- **Application of the substance / the mixture**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Dayton® Superior  
4226 Kansas Avenue  
Kansas City, KS 66106

Tel.: (866) 329-8724

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call international number, +1 703 741-5970. Collect calls are accepted.

- **Information department:** Environmental, Health, and Safety department.

## 2 Hazard(s) identification

- **Classification of the substance or mixture**

Skin Sens. 1	H317	May cause an allergic skin reaction.
Muta. 1B	H340	May cause genetic defects.
Carc. 1B	H350	May cause cancer.
STOT RE 1	H372-H373	Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
Stoddard solvent  
Distilled Tall Oil Fatty Acids  
titanium dioxide
- **Hazard statements**  
May cause an allergic skin reaction.  
May cause genetic defects.  
May cause cancer.  
Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.
- **Precautionary statements**  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Specific treatment (see on this label).  
Wash contaminated clothing before reuse.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



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

HEALTH	0	Health = *0
FIRE	0	Fire = 0
PHYSICAL HAZARD	0	Reactivity = 0

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

8052-41-3	Stoddard solvent	≤ 10%
13463-67-7	titanium dioxide	≤ 5%
61790-12-3	Distilled Tall Oil Fatty Acids	≤ 2.5%
1332-58-7	Kaolin	≤ 2.5%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4 First-aid measures

- **Description of first aid measures**
- **General information:**  
Immediately remove any clothing soiled by the product.  
In the event of persistent symptoms receive medical treatment.
- **After inhalation:**  
Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.  
Immediately move exposed person to fresh air. If breathing difficulty persists or develops get prompt medical attention.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Seek medical treatment.
- **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.

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## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, sand, extinguishing powder. Do not use water.  
Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** Water
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:**  
Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Dilute with plenty of water.  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents
- **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.
- **Protective Action Criteria for Chemicals**

- **PAC-1:**

8052-41-3	Stoddard solvent	300 mg/m <sup>3</sup>
13463-67-7	titanium dioxide	30 mg/m <sup>3</sup>
7631-86-9	silicon dioxide, chemically prepared	18 mg/m <sup>3</sup>
	monoethanolamine	6 ppm
21645-51-2	aluminium hydroxide	8.7 mg/m <sup>3</sup>
14808-60-7	Quartz (SiO <sub>2</sub> )	0.075 mg/m <sup>3</sup>
67-63-0	isopropanol	400 ppm
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	2.3 mg/m <sup>3</sup>
1310-73-2	sodium hydroxide	0.5 mg/m <sup>3</sup>
111-42-2	2,2'-iminodiethanol	3 mg/m <sup>3</sup>
79-10-7	acrylic acid	1.5 ppm

- **PAC-2:**

8052-41-3	Stoddard solvent	1,800 mg/m <sup>3</sup>
13463-67-7	titanium dioxide	330 mg/m <sup>3</sup>
7631-86-9	silicon dioxide, chemically prepared	740 mg/m <sup>3</sup>
	monoethanolamine	170 ppm

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21645-51-2	aluminium hydroxide	73 mg/m <sup>3</sup>
14808-60-7	Quartz (SiO <sub>2</sub> )	33 mg/m <sup>3</sup>
67-63-0	isopropanol	2000* ppm
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	25 mg/m <sup>3</sup>
1310-73-2	sodium hydroxide	5 mg/m <sup>3</sup>
111-42-2	2,2'-iminodiethanol	28 mg/m <sup>3</sup>
79-10-7	acrylic acid	46 ppm

## · PAC-3:

8052-41-3	Stoddard solvent	29500** mg/m <sup>3</sup>
13463-67-7	titanium dioxide	2,000 mg/m <sup>3</sup>
7631-86-9	silicon dioxide, chemically prepared	4,500 mg/m <sup>3</sup>
	monoethanolamine	1,000 ppm
21645-51-2	aluminium hydroxide	440 mg/m <sup>3</sup>
14808-60-7	Quartz (SiO <sub>2</sub> )	200 mg/m <sup>3</sup>
67-63-0	isopropanol	12000** ppm
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol	150 mg/m <sup>3</sup>
1310-73-2	sodium hydroxide	50 mg/m <sup>3</sup>
111-42-2	2,2'-iminodiethanol	130 mg/m <sup>3</sup>
79-10-7	acrylic acid	180 ppm

## 7 Handling and storage

· **Handling:**· **Precautions for safe handling**

Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.

· **Information about protection against explosions and fires:** Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:** cool and dry

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **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.

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**8052-41-3 Stoddard solvent**PEL Long-term value: 2900 mg/m<sup>3</sup>, 500 ppmREL Long-term value: 350 mg/m<sup>3</sup>  
Ceiling limit value: 1800\* mg/m<sup>3</sup>  
\*15-minTLV Long-term value: 525 mg/m<sup>3</sup>, 100 ppm**1332-58-7 Kaolin**PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fractionREL Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fractionTLV Long-term value: 2\* mg/m<sup>3</sup>  
E; as respirable fraction

· **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.

· **Protection of hands:**



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:** Wear appropriate eye protection to prevent eye contact.

## 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

Form: Liquid

Color: White

· **Odor:** Characteristic

· **Odor threshold:** Not determined.

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· <b>pH-value:</b>	Not determined.
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	100 °C (212 °F)
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gaseous):</b>	Not applicable.
· <b>Ignition temperature:</b>	230 °C (446 °F)
· <b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	1.1 Vol %
<b>Upper:</b>	6.0 Vol %
· <b>Vapor pressure at 20 °C (68 °F):</b>	23 hPa (17 mm Hg)
· <b>Density at 20 °C (68 °F):</b>	1.015 g/cm <sup>3</sup> (8.47 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with</b>	
<b>Water:</b>	Fully miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic at 20 °C (68 °F):</b>	0 mPas
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.4 %
<b>Water:</b>	67.4 %
<b>Solids content:</b>	24.0 %
· <b>Other information</b>	No further relevant information available.
· <b>Volatile Organic Compounds:</b>	Contains less than 300 g/L.

## 10 Stability and reactivity

- **Reactivity** No decomposition if stored and applied as directed.
- **Chemical stability** No decomposition if stored and applied as directed
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Keep away from heat and sources of ignition.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

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## 11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

- **Primary irritant effect:**

- **on the skin:** May cause skin irritation.

- **on the eye:** No irritating effect known.

- **Sensitization:** Sensitization possible through skin contact.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Carcinogenic.

The product can cause inheritable damage.

- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

13463-67-7	titanium dioxide	2B
7631-86-9	silicon dioxide, chemically prepared	3
14808-60-7	Quartz (SiO <sub>2</sub> )	1
67-63-0	isopropanol	3
111-42-2	2,2'-iminodiethanol	2B
79-10-7	acrylic acid	3

- **NTP (National Toxicology Program)**

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

None of the ingredients is listed.

## 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:**

Do not allow product to reach ground water, water course or sewage system, even in small quantities.

Water hazard class 1 (Self-assessment): slightly hazardous for water

- **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 as normal garbage. Do not allow product to reach sewage system.

It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to Federal, State, and Local regulations.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- **UN-Number**

- DOT, ADR, ADN, IMDG, IATA

Not Regulated

- **UN proper shipping name**

- DOT, ADR, ADN, IMDG, IATA

Not Regulated

- **Transport hazard class(es)**

- DOT, ADR, ADN, IMDG, IATA

- Class

Not Regulated

- **Packing group**

- DOT, ADR, IMDG, IATA

Not Regulated

- **Environmental hazards:**

- Marine pollutant:

No

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

- **Transport/Additional information:**

- **ADR**

- **U.S. Domestic Ground Shipments:**

Same as listed for Standard Shipments above.

- **U.S. Domestic Ground Non-Bulk (119 gal or less per container) Shipments:**

Same as listed for Standard Shipments above.

- **Emergency Response Guide (ERG) Number:**

Not determine

- **UN "Model Regulation":**

Not Regulated

## 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):**

This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.

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67-63-0	isopropanol	≤0.1%
111-42-2	2,2'-iminodiethanol	≤0.01%
79-10-7	acrylic acid	≤0.01%

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

8052-41-3	Stoddard solvent
13463-67-7	titanium dioxide
61790-12-3	Distilled Tall Oil Fatty Acids
1332-58-7	Kaolin
7631-86-9	silicon dioxide, chemically prepared
	monoethanolamine
21645-51-2	aluminium hydroxide
11138-66-2	Xanthan Gum
14808-60-7	Quartz (SiO <sub>2</sub> )
67-63-0	isopropanol
4719-04-4	2,2',2''-(hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol
1310-73-2	sodium hydroxide
111-42-2	2,2'-iminodiethanol
2634-33-5	1,2-benzisothiazol-3(2H)-one
79-10-7	acrylic acid
7732-18-5	water, distilled, conductivity or of similar purity

**· Proposition 65****· Chemicals known to the State of California (Prop. 65) to cause cancer:**

13463-67-7	titanium dioxide
14808-60-7	Quartz (SiO <sub>2</sub> )
111-42-2	2,2'-iminodiethanol

**· 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:**

None of the ingredients is listed.

**· Cancerogenity categories****· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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

13463-67-7	titanium dioxide	A4
1332-58-7	Kaolin	A4
14808-60-7	Quartz (SiO <sub>2</sub> )	A2
67-63-0	isopropanol	A4
111-42-2	2,2'-iminodiethanol	A3
79-10-7	acrylic acid	A4

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· <b>MAK (German Maximum Workplace Concentration)</b>		
13463-67-7	titanium dioxide	3A
14808-60-7	Quartz (SiO <sub>2</sub> )	1
111-42-2	2,2'-iminodiethanol	3B

· <b>NIOSH-Ca (National Institute for Occupational Safety and Health)</b>		
13463-67-7	titanium dioxide	
14808-60-7	Quartz (SiO <sub>2</sub> )	

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

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** Danger

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

Stoddard solvent  
Distilled Tall Oil Fatty Acids  
titanium dioxide

· **Hazard statements**

May cause an allergic skin reaction.  
May cause genetic defects.  
May cause cancer.

Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.

· **Precautionary statements**

Do not breathe dust/fume/gas/mist/vapors/spray.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Specific treatment (see on this label).  
Wash contaminated clothing before reuse.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

· **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

The provided 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.

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:** Environmental, Health & Safety Department

· **Contact:** Environmental, Health & Safety Manager

· **Date of preparation / last revision** 07/06/2017 / 164

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**Abbreviations and acronyms:**

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

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)

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

Skin Sens. 1: Skin sensitisation – Category 1

Muta. 1B: Germ cell mutagenicity – Category 1B

Carc. 1B: Carcinogenicity – Category 1B

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

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